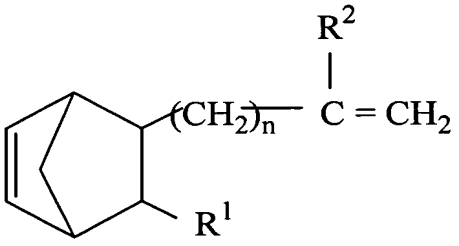
AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1. (Previously Presented) A curable composition comprising

a silyl-containing ethylene/α-olefin/non-conjugated polyene random copolymer rubber (A1) which has a structural unit derived from a norbornene compound, represented by the following general formula [I] or [II], as the non-conjugated polyene with at least one specific vinyl group at the terminal, and containing a hydrolyzable silyl group, represented by general formula [III], and

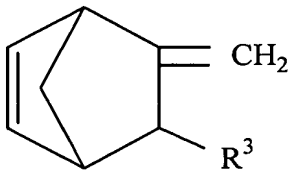


[I]

wherein, "n" is an integer of 0 to 10;

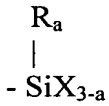
R^1 is a hydrogen atom or an alkyl group of 1 to 10 carbon atoms; and

R^2 is a hydrogen atom or an alkyl group of 1 to 5 carbon atoms,



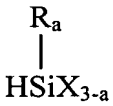
[II]

wherein, R^3 is a hydrogen atom or an alkyl group of 1 to 10 carbon atoms,



[III]

wherein, R is a monovalent hydrocarbon group of 1 to 12 carbon atoms; X is a hydrolyzable group selected from the group consisting of hydride, halogen, alkoxyl, acyloxy, ketoximate, amide, acid amide, aminoxy, mercapto, alkenyloxy, thioalkoxy and amino group; and "a" is an integer of 0 to 2, wherein the rubber (Al) is produced by hydrosilylation, whereby said ethylene/α-olefin/non-conjugated polyene random copolymer rubber is reacted with a silicon compound represented by the following general formula [IV] in the presence of a transition metal complex catalyst:



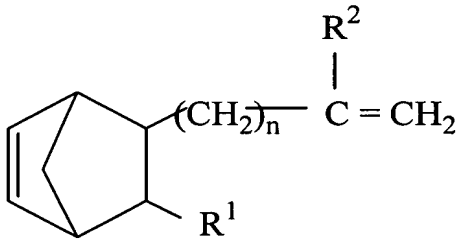
[IV]

where R and "a" are as defined above; and

a compound (B), other than the rubber (A1), having a hydroxyl group and/or a hydrolyzable group.

2. (Canceled)

3. (Currently Amended) A curable, elastic composition comprising a silyl-containing ethylene/α/non-conjugated polyene random copolymer rubber (A1) which has a structural unit derived from a norbornene compound, represented by the following general formula [I] or [II], as the non-conjugated polyene with at least one specific vinyl group at the terminal, and containing a hydrolyzable silyl group, represented by the following general formula [III], and

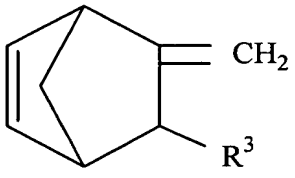


[I]

wherein, "n" is an integer of 0 to 10;

R^1 is a hydrogen atom or an alkyl group of 1 to 10 carbon atoms; and

R^2 is a hydrogen atom or an alkyl group of 1 to 5 carbon atoms,



[II]

wherein, R^3 is a hydrogen atom or an alkyl group of 1 to 10 carbon atoms,

$$\begin{array}{l} R_a \\ | \\ -\ SiX_{3-a} \end{array} \qquad [III]$$

wherein, R is a monovalent hydrocarbon group of 1 to 12 carbon atoms; X is a hydrolyzable group selected from the group consisting of hydride, halogen, alkoxyl, acyloxy, ketoximate, amide, acid amide, aminoxy, mercapto, alkenyloxy, thioalkoxy and amino group; and "a" is an integer of 0 to 2, wherein the rubber (A1) is produced by hydrosilylation, whereby said ethylene/α-olefin/non-conjugated polyene random copolymer rubber is reacted with a silicon compound represented by the following general formula [IV] in the presence of a transition metal complex catalyst:

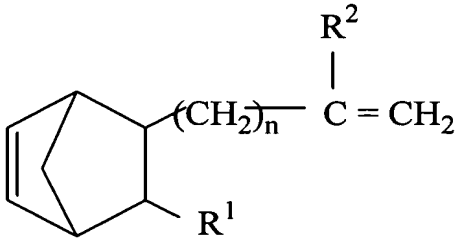
$$\begin{array}{l} R_a \\ | \\ H-\ SiX_{3-a} \end{array} \qquad [IV]$$

wherein R and "a" are as defined above; and

a compound (B1) having a silanol group and/or a compound which can react with moisture to form a compound having a silanol group in the molecule.

4. (Currently Amended) A curable rubber composition comprising

a silyl-containing ethylene/α-olefin/non-conjugated polyene random copolymer rubber (A1) which has a structural unit derived from a norbornene compound, represented by the following general formula [I] or [II], as the non-conjugated polyene with at least one specific vinyl group at the terminal, and containing a hydrolyzable silyl group, represented by the following general formula [III],

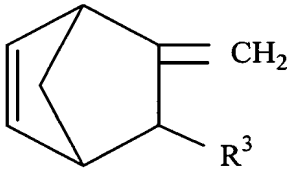


[I]

wherein, "n" is an integer of 0 to 10;

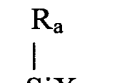
R^1 is a hydrogen atom or an alkyl group of 1 to 10 carbon atoms; and

R^2 is a hydrogen atom or an alkyl group of 1 to 5 carbon atoms,



[II]

wherein, R^3 is a hydrogen atom or an alkyl group of 1 to 10 carbon atoms,



[III]

wherein, R is a monovalent hydrocarbon group of 1 to 12 carbon atoms; X is a hydrolyzable group selected from the group consisting of hydride, halogen, alkoxyl, acyloxy, ketoximate, amide, acid amide, aminoxy, mercapto, alkenyloxy, thioalkoxy and amino group; and "a" is an integer of 0 to 2, wherein the rubber (A1) is produced by hydrosilylation, whereby said ethylene/α-olefin/non-conjugated polyene random copolymer rubber is reacted with a silicon compound represented by the following general formula [IV] in the presence of a transition metal complex catalyst:

[IV]

wherein R and "a" are as defined above;

a tetravalent tin compound (C), and

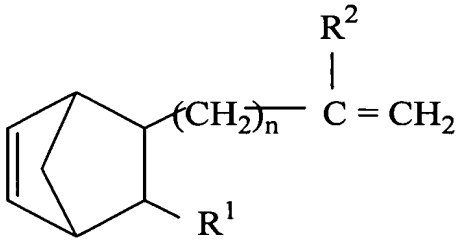
a silicon compound (B2) represented by the following general formula [V]:

$$R^4_aSi(OR^5)_{4-a} \qquad [V]$$

wherein, R^4 and R^5 are each a substituted or unsubstituted hydrocarbon group of 1 to 20 carbon atoms, and "a" is 0, 1, 2, or 3.

5. (Previously Presented) A curable composition comprising

(a) a silyl-containing ethylene/α-olefin/non-conjugated polyene random copolymer rubber (A1) which has a structural unit derived from a norbornene compound, represented by the following general formula [I] or [II], as the non-conjugated polyene with at least one specific vinyl group at the terminal, and containing a hydrolyzable silyl group, represented by the following general formula [III],

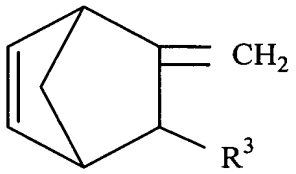


[I]

wherein, "n" is an integer of 0 to 10;

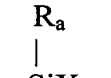
R^1 is a hydrogen atom or an alkyl group of 1 to 10 carbon atoms; and

R^2 is a hydrogen atom or an alkyl group of 1 to 5 carbon atoms,



[II]

wherein, R^3 is a hydrogen atom or an alkyl group of 1 to 10 carbon atoms,



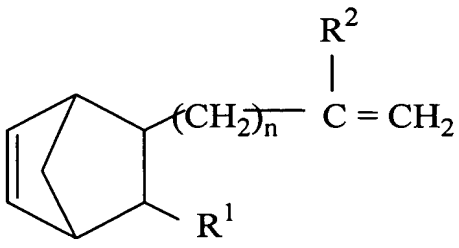
[III]

wherein, R is a monovalent hydrocarbon group of 1 to 12 carbon atoms; X is a hydrolyzable group selected from the group consisting of hydride, halogen, mercapto, alkenyloxy, alkoxyl, acyloxy, ketoximate, amide, acid amide, aminoxy, thioalkoxy and amino group; and "a" is an integer of 0 to 2, and

(b) a silicon compound (B3) having at least one amino group and at least one trialkylsiloxy group in the molecule.

6. (Previously Presented) A curable composition comprising

(a) a silyl-containing ethylene/α-olefin/non-conjugated polyene random copolymer rubber (A1) which has a structural unit derived from a norbornene compound, represented by the following general formula [I] or [II], as the non-conjugated polyene with at least one specific vinyl group at the terminal, and containing a hydrolyzable silyl group, represented by the following general formula [III],

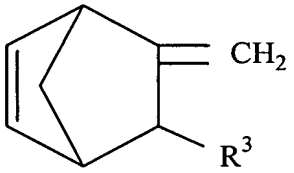


[I]

wherein, "n" is an integer of 0 to 10;

R^1 is a hydrogen atom or an alkyl group of 1 to 10 carbon atoms; and

R^2 is a hydrogen atom or an alkyl group of 1 to 5 carbon atoms,



[II]

wherein, R^3 is a hydrogen atom or an alkyl group of 1 to 10 carbon atoms,

$$\begin{array}{l} R_a \\ | \\ -\ SiX_{3-a} \end{array} \qquad [III]$$

wherein, R is a monovalent hydrocarbon group of 1 to 12 carbon atoms; X is a hydrolyzable group selected from the group consisting of hydride, halogen, mercapto, alkenyloxy, alkoxyl, acyloxy, ketoximate, amide, acid amide, aminoxy, thioalkoxy and amino group; and "a" is an integer of 0 to 2, and

(b) an organosilicon compound (B4) represented by the following general formula [VI]:

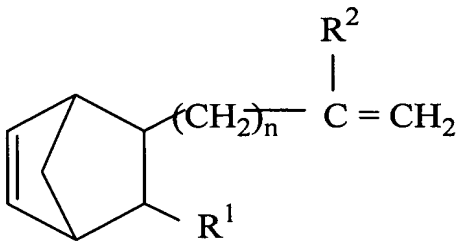
$$(R^2(CH_3)_2SiO)_nR^1 \qquad [VI]$$

wherein, R^1 is an alcohol residue or a weak acid residue, R^2 is a methyl or vinyl group, and "n" is a positive integer.

7. (Previously Presented) A rubber composition curable at an ordinary temperature and comprising

a silyl-containing ethylene/α-olefin/non-conjugated polyene random copolymer rubber (A1) which has a structural unit derived from a norbornene compound, represented by the following general formula [I] or [II], as the non-conjugated polyene with at least one

specific vinyl group at the terminal, and containing a hydrolyzable silyl group, represented by the following general formula [III],

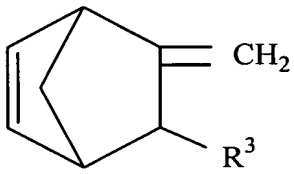


[I]

wherein, "n" is an integer of 0 to 10;

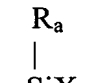
R^1 is a hydrogen atom or an alkyl group of 1 to 10 carbon atoms; and

R^2 is a hydrogen atom or an alkyl group of 1 to 5 carbon atoms,



[II]

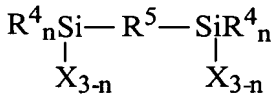
wherein, R^3 is a hydrogen atom or an alkyl group of 1 to 10 carbon atoms,



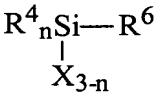
[III]

wherein, R is a monovalent hydrocarbon group of 1 to 12 carbon atoms; X is a hydrolyzable group selected from the group consisting of hydride, halogen, alkoxyl, acyloxy, ketoximate, amide, acid amide, aminoxy, mercapto, alkenyloxy, thioalkoxy and amino group; and "a" is an integer of 0 to 2, and

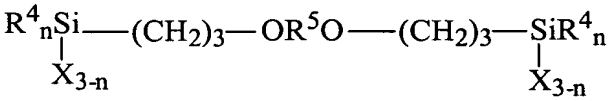
a silane compound (B5) represented by one of the following general formulae [VII-1]to [VII-6]:



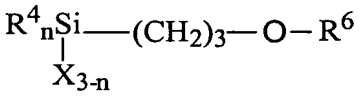
[VII-1]



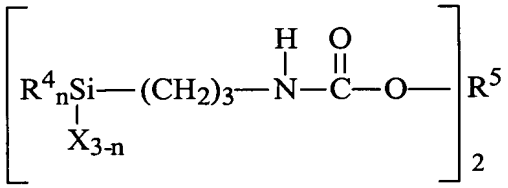
[VII-2]



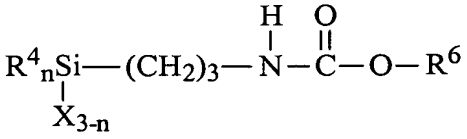
[VII-3]



[VII-4]



[VII-5]



[VII-6]

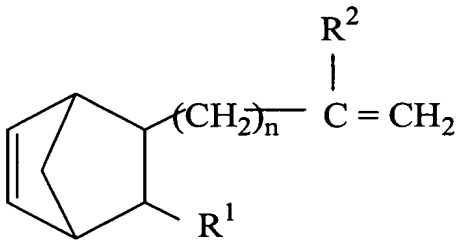
wherein, R^4 is a monovalent hydrocarbon group of 1 to 10 carbon atoms, selected from the group consisting of alkyl, aralkyl and aryl;

X is a group selected from the group consisting of halogen, hydroxy, alkoxyl, acyloxy, aminoxy, phenoxy, thioalkoxy, amino, ketoximate, mercapto and alkenyloxy;

R^5 is an alkylene or arylene group of 8 to 200 carbon atoms; R^6 is a monovalent alkyl group of 8 to 200 carbon atoms; and "n" is an integer of 0 to 2.

8. (Previously Presented) A curable rubber composition comprising, as the active components,

(A1) a silyl-containing ethylene/α-olefin/non-conjugated polyene random copolymer rubber which has a structural unit derived from a norbornene compound, represented by the following general formula [I] or [II], as the non-conjugated polyene with at least one specific vinyl group at the terminal, and containing a hydrolyzable silyl group, represented by the following general formula [III],

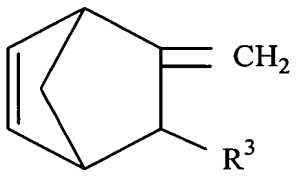


[I]

wherein, "n" is an integer of 0 to 10;

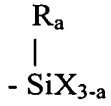
R^1 is a hydrogen atom or an alkyl group of 1 to 10 carbon atoms; and

R^2 is a hydrogen atom or an alkyl group of 1 to 5 carbon atoms,



[II]

wherein, R^3 is a hydrogen atom or an alkyl group of 1 to 10 carbon atoms,



[III]

wherein, R is a monovalent hydrocarbon group of 1 to 12 carbon atoms; X is a hydrolyzable group selected from the group consisting of hydride, halogen, alkoxyl, acyloxy, ketoximate, amide, acid amide, aminoxy, mercapto, alkenyloxy, thioalkoxy and amino group; and "a" is an integer of 0 to 2,

(D) amines selected from the group consisting of aliphatic amines, alicyclic amines, modified cycloaliphatic polyamines and ethanolamines,

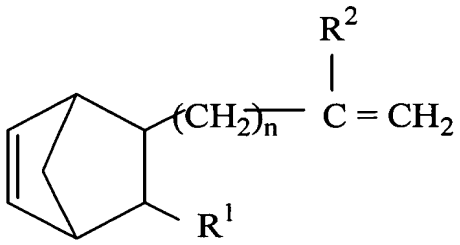
(B6) a silane coupling agent represented by the general formula $Y_3(Si)Z$, wherein Y is an alkoxyl group; and Z is an alkyl group containing a functional group selected from the group consisting of amino group, which may be substituted with an aminoalkyl group or not, and mercapto group, and

(E) a resin composed of a lacquer-based paint, an acrylic lacquer-based paint, an acrylic resin-based paint, a thermosetting acrylic paint, an alkyd paint, a melamine paint, an epoxy paint or organopolysiloxane.

9. (Currently Amended) A curable composition comprising,

(a) a silyl-containing ethylene/α-olefin/non-conjugated polyene random copolymer rubber (A1) which has a structural unit derived from a norbornene compound, represented by

the following general formula [I] or [II], as the non-conjugated polyene with at least one specific vinyl group at the terminal, and containing a hydrolyzable silyl group, represented by the following general formula [III],

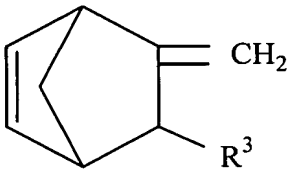


[I]

wherein, "n" is an integer of 0 to 10;

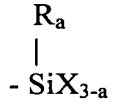
R^1 is a hydrogen atom or an alkyl group of 1 to 10 carbon atoms; and

R^2 is a hydrogen atom or an alkyl group of 1 to 5 carbon atoms,



[II]

wherein, R^3 is a hydrogen atom or an alkyl group of 1 to 10 carbon atoms,



[III]

wherein, R is a monovalent hydrocarbon group of 1 to 12 carbon atoms; X is a hydrolyzable group selected from the group consisting of hydride, halogen, mercapto, alkenyloxy, alkoxyl, acyloxy, ketoximate, amide, acid amide, aminoxy, thioalkoxy and amino

group; and "a" is an integer of 0 to 2, wherein the rubber (A1) is produced by hydrosilylation, whereby said ethylene/α-olefin/non-conjugated polyene random copolymer rubber is reacted with a silicon compound represented by the following general formula [IV] in the presence of a transition metal complex catalyst:

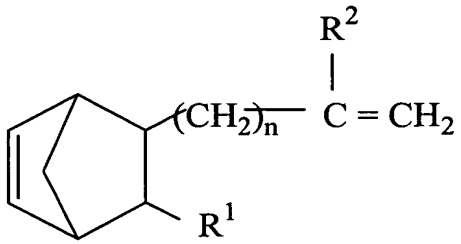
[IV]

wherein R and "a" are as defined above; and

(b) a silane-based compound (B7) substituted with an amino group.

10. (Previously Presented) A curable composition comprising,

(A1) a silyl-containing ethylene/α-olefin/non-conjugated polyene random copolymer rubber which has a structural unit derived from a norbornene compound, represented by the following general formula [I] or [II], as the non-conjugated polyene with at least one specific vinyl group at the terminal, and containing a hydrolyzable silyl group, represented by the following general formula [III],

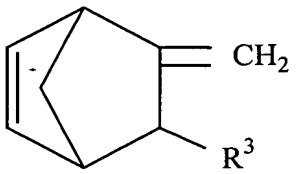


[I]

wherein, "n" is an integer of 0 to 10;

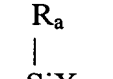
R^1 is a hydrogen atom or an alkyl group of 1 to 10 carbon atoms; and

R^2 is a hydrogen atom or an alkyl group of 1 to 5 carbon atoms,



[II]

wherein, R^3 is a hydrogen atom or an alkyl group of 1 to 10 carbon atoms,



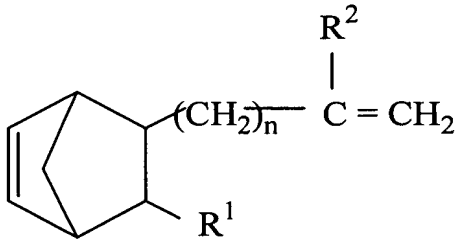
[III]

wherein, R is a monovalent hydrocarbon group of 1 to 12 carbon atoms; X is a hydrolyzable group selected from the group consisting of hydride, halogen, mercapto, alkenyloxy, alkoxyl, acyloxy, ketoximate, amide, acid amide, aminoxy, thioalkoxy and amino group; and "a" is an integer of 0 to 2, and

(F) a filler, (G) a plasticizer, (H) a curing catalyst and (B8) an organocarboxylic acid compound.

11. (Currently Amended) A curable rubber composition comprising,

a silyl-containing ethylene/α-olefin/non-conjugated polyene random copolymer rubber (A1) which has a structural unit derived from a norbornene compound, represented by the following general formula [I] or [II], as the non-conjugated polyene with at least one specific vinyl group at the terminal, and containing a hydrolyzable silyl group, represented by the following general formula [III],

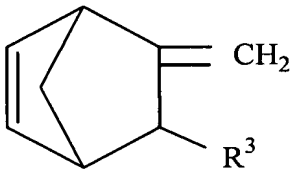


[I]

wherein, "n" is an integer of 0 to 10;

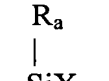
R^1 is a hydrogen atom or an alkyl group of 1 to 10 carbon atoms; and

R^2 is a hydrogen atom or an alkyl group of 1 to 5 carbon atoms,



[II]

wherein, R^3 is a hydrogen atom or an alkyl group of 1 to 10 carbon atoms,



[III]

wherein, R is a monovalent hydrocarbon group of 1 to 12 carbon atoms; X is a hydrolyzable group selected from the group consisting of hydride, halogen, alkoxyl, acyloxy, ketoximate, amide, acid amide, aminoxy, mercapto, alkenyloxy, thioalkoxy and amino group; and "a" is an integer of 0 to 2, wherein the rubber (A1) is produced by hydrosilylation, whereby said ethylene/α-olefin/non-conjugated polyene random copolymer rubber is reacted with a silicon compound represented by the following general formula [IV] in the presence of a transition metal complex catalyst:

[IV]

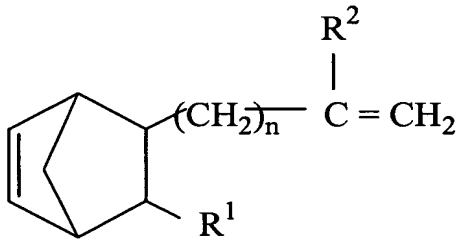
wherein R and "a" are as defined above;

alcohols (B9) and/or a hydrolyzable ester (I) (except the hydrolyzable organosilicon compound (B10), and

a hydrolyzable organosilicon compound (B10) other than the rubber (A1).

12. (Currently Amended) A two- or more multi-liquid type curable rubber composition composed of at least two liquids, comprising

a major ingredient (I) containing a silyl-containing ethylene/α-olefin/non-conjugated polyene random copolymer rubber (A1) which has a structural unit derived from a norbornene compound, represented by the following general formula [I] or [II], as the non-conjugated polyene with at least one specific vinyl group at the terminal, and containing a hydrolyzable silyl group, represented by the following general formula [III],

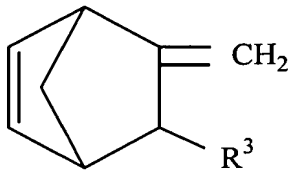


[I]

wherein, "n" is an integer of 0 to 10;

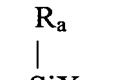
R^1 is a hydrogen atom or an alkyl group of 1 to 10 carbon atoms; and

R^2 is a hydrogen atom or an alkyl group of 1 to 5 carbon atoms,



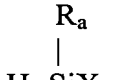
[II]

wherein, R^3 is a hydrogen atom or an alkyl group of 1 to 10 carbon atoms,



[III]

wherein, R is a monovalent hydrocarbon group of 1 to 12 carbon atoms; X is a hydrolyzable group selected from the group consisting of hydride, halogen, alkoxyl, acyloxy, ketoximate, amide, acid amide, aminoxy, mercapto, alkenyloxy, thioalkoxy and amino group; and "a" is an integer of 0 to 2, wherein the rubber (A1) is produced by hydrosilylation, whereby said ethylene/α-olefin/non-conjugated polyene random copolymer rubber is reacted with a silicon compound represented by the following general formula [IV] in the presence of a transition metal complex catalyst:



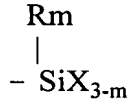
[IV]

wherein R and "a" are as defined above; and

a curing agent (II) containing a silanol condensing catalyst (J) and water or a hydrate of a metallic salt (B11).

13. (Previously Presented) A curable rubber composition comprising

a silyl-containing ethylene/α-olefin/non-conjugated polyene random copolymer rubber (A2) containing a hydrolyzable silyl group, represented by the following general formula (1):



(1)

wherein, R is a monovalent hydrocarbon group of 1 to 12 carbon atoms; X is a hydrolyzable group selected from the group consisting of hydride, halogen, alkoxyl, acyloxy, ketoximate, amide, acid amide, aminoxy, thioalkoxy, amino, mercapto and alkenyloxy group; and "m" is an integer of 0 to 2, and

an inorganic filler (L), wherein the rubber (A2) is produced by hydrosilylation, whereby said ethylene/α-olefin/non-conjugated polyene random copolymer rubber is reacted with a silicon compound represented by the following general formula (6) in the presence of a transition metal complex catalyst:

$$\begin{array}{l} R_m \\ | \\ H\text{-}SiX_{3-m} \end{array} \qquad (6)$$

where R and "m" are as defined above.

14. (Original) A rubber composition comprising

a silyl-containing ethylene/α-olefin/non-conjugated polyene random copolymer rubber (A2) containing a hydrolyzable silyl group, represented by the following general formula (1):

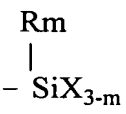
$$\begin{array}{l} Rm \\ | \\ -\ SiX_{3-m} \end{array} \qquad (1)$$

wherein, R is a monovalent hydrocarbon group of 1 to 12 carbon atoms; X is a hydrolyzable group selected from the group consisting of hydride, halogen, alkoxyl, acyloxy, ketoximate, amide, acid amide, aminoxy, thioalkoxy, amino, mercapto and alkenyloxy group; and "m" is an integer of 0 to 2, and

(K1) an organosilicon polymer.

15. (Previously Presented) A rubber composition comprising

(A2) a silyl-containing ethylene/α-olefin/non-conjugated polyene random copolymer rubber containing a hydrolyzable silyl group, represented by the following general formula (1):



(1)

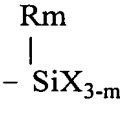
wherein, R is a monovalent hydrocarbon group of 1 to 12 carbon atoms; X is a hydrolyzable group selected from the group consisting of hydride, halogen, alkoxyl, acyloxy, ketoximate, amide, acid amide, aminoxy, thioalkoxy, amino, mercapto and alkenyloxy group; and "m" is an integer of 0 to 2,

(K2) organic rubber which is at least one rubber selected from the group consisting of propylene glycol-based rubber containing a hydrolysable silyl group, polyisobutylene-based rubber containing a hydrolysable silyl group, natural rubber, polyisoprene, polybutadiene polychloroprene, acrylic rubber, acrylonitrile/butadiene copolymer rubber, ethylene/propylene copolymer rubber (EPM), ethylene/propylene/non-conjugated polyene copolymer rubber (EPDM), butyl rubber, urethane rubber, silicone rubber, epichlorohydrin rubber, ethylene/vinyl acetate copolymer rubber, ethylene/acrylic copolymer rubber, fluorine rubber and chlorosulfonated polyethylene, and

(M) a crosslinking agent for the organic rubber (K2).

16. (Original) A rubber composition comprising

(A2) a silyl-containing ethylene/α-olefin/non-conjugated polyene random copolymer rubber containing a hydrolyzable silyl group, represented by the following general formula (1):



(1)

wherein, R is a monovalent hydrocarbon group of 1 to 12 carbon atoms; X is a hydrolyzable group selected from the group consisting of hydride, halogen, alkoxyl, acyloxy, ketoximate, amide, acid amide, aminoxy, thioalkoxy, amino, mercapto and alkenyloxy group; and "m" is an integer of 0 to 2,

(K3) an epoxy resin,

(N) a silane coupling agent,

(O) a silanol condensing catalyst, and

(P) a curing agent for the epoxy resin.

17. (Original) A rubber composition comprising

(A2) a silyl-containing ethylene/α-olefin/non-conjugated polyene random copolymer rubber containing a hydrolyzable silyl group, represented by the following general formula (1):

$$\begin{array}{l} \text{Rm} \\ | \\ -\ \text{SiX}_{3-m} \end{array} \qquad (1)$$

wherein, R is a monovalent hydrocarbon group of 1 to 12 carbon atoms; X is a hydrolyzable group selected from the group consisting of hydride, halogen, alkoxyl, acyloxy, ketoximate, amide, acid amide, aminoxy, thioalkoxy, amino, mercapto and alkenyloxy group; and "m" is an integer of 0 to 2,

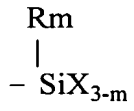
(K3) an epoxy resin,

(Q) a silicon compound containing a functional group reactive with an epoxy group and a hydrolyzable silyl group in the molecule, and

(R) a silicon compound containing at least two hydroxyl groups bonded to the silicon atom in the molecule.

18. (Currently Amended) A rubber composition comprising

(A2) a silyl-containing ethylene/α-olefin/non-conjugated polyene random copolymer rubber containing a hydrolyzable silyl group, represented by the following general formula (1):



(1)

wherein, R is a monovalent hydrocarbon group of 1 to 12 carbon atoms; X is a hydrolyzable group selected from the group consisting of hydride, halogen, alkoxyl, acyloxy, ketoximate, amide, acid amide, aminoxy, thioalkoxy, amino, mercapto and alkenyloxy group; and "m" is an integer of 0 to 2, wherein the rubber (A2) is produced by hydrosilylation, whereby said ethylene/α-olefin/non-conjugated polyene random copolymer rubber is reacted with a silicon compound represented by the following general formula (6) in the presence of a transition metal complex catalyst:

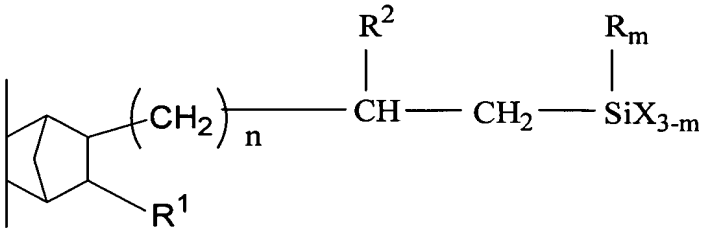
(6)

wherein R and "m" are as defined above;

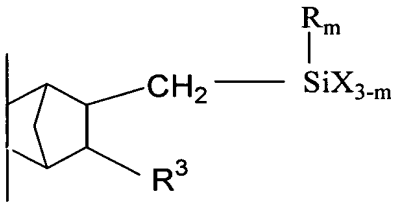
(L1) calcium carbonate, and

(L2) talc.

19. (Original) The rubber composition according to any one of Claims 14 to 18, wherein said silyl-containing ethylene/α-olefin/non-conjugated polyene random copolymer rubber (A2) has at least one type of silyl group containing units represented by the following general formula (2) or (3):



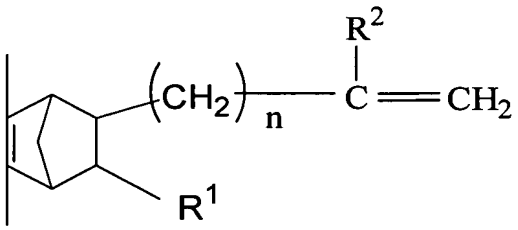
(2)



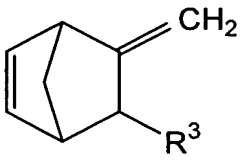
(3)

wherein, R is a monovalent hydrocarbon group of 1 to 12 carbon atoms; R^1 is a hydrogen atom or an alkyl group of 1 to 10 carbon atoms; R^2 is a hydrogen atom or an alkyl group of 1 to 5 carbon atoms; R^3 is a hydrogen atom or an alkyl group of 1 to 10 carbon atoms; X is a hydrolyzable group selected from the group consisting of hydride, halogen, alkoxyl, acyloxy, ketoximate, amide, acid amide, aminoxy, thioalkoxy, amino, mercapto and alkenyloxy group; and "m" is an integer of 0 to 2 and "n" is an integer of 0 to 10.

Claim 20. (Previously Presented) The rubber composition according to any one of claims 14 to 18, wherein said silyl-containing ethylene/α-olefin/non-conjugated polyene random copolymer rubber (A2) is produced by reacting an ethylene/α-olefin/non-conjugated polyene random copolymer rubber having a norbornene compound as the non-conjugated polyene with at least one terminal vinyl group represented by the following general formula (4) and/or (5):

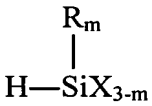


(4)



(5)

wherein, R^1 is a hydrogen atom or an alkyl group of 1 to 10 carbon atoms; R^2 is a hydrogen atom or an alkyl group of 1 to 5 carbon atoms; R^3 is a hydrogen atom or an alkyl group of 1 to 10 carbon atoms; and "n" is an integer of 0 to 10, with a silicon compound represented by the following general formula (6):



(6)

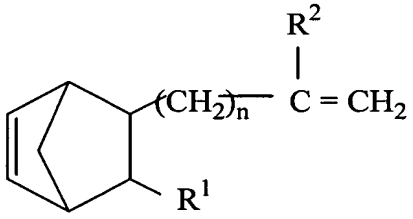
wherein, R is a monovalent hydrocarbon group of 1 to 12 carbon atoms; X is a hydrolysable group selected from the group consisting of hydride, halogen, alkoxyl, acyloxy, ketoximate, amide, acid amide, aminoxy, thioalkoxy, amino, mercapto and alkenyloxy group; and "m" is an integer of 0 to 2,

to add the SiH group of the silicon compound to the double bond of the copolymer rubber.

21. (Previously Presented) A curable composition comprising

(a) a silyl-containing ethylene/α-olefin/non-conjugated polyene random copolymer rubber (A1) which has a structural unit derived from a norbornene compound, represented by the following general formula [I] or [II], as the non-conjugated polyene with at least one

specific vinyl group at the terminal, and containing a hydrolyzable silyl group, represented by the following general formula [III], and

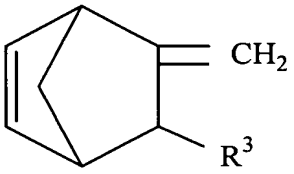


[I]

wherein, "n" is an integer of 0 to 10;

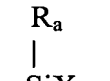
R^1 is a hydrogen atom or an alkyl group of 1 to 10 carbon atoms; and

R^2 is a hydrogen atom or an alkyl group of 1 to 5 carbon atoms,



[II]

wherein, R^3 is a hydrogen atom or an alkyl group of 1 to 10 carbon atoms,



[III]

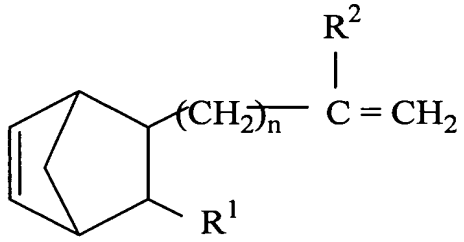
wherein, R is a monovalent hydrocarbon group of 1 to 12 carbon atoms; X is a hydrolyzable group selected from the group consisting of hydride, halogen, mercapto, alkenyloxy, alkoxyl, acyloxy, ketoximate, amide, acid amide, aminoxy, thioalkoxy and amino group; and "a" is an integer of 0 to 2,

(b) a nickel-containing light stabilizer (S) and

(c) a silane coupling agent (T).

22. (Previously Presented) A curable rubber composition comprising

a silyl-containing ethylene/α-olefin/non-conjugated polyene random copolymer rubber (A1) which has a structural unit derived from a norbornene compound, represented by the following general formula [I] or [II], as the non-conjugated polyene with at least one specific vinyl group at the terminal, and containing a hydrolyzable silyl group, represented by the following general formula [III], and

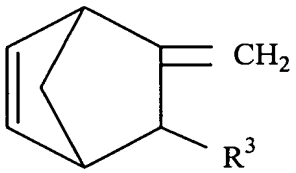


[I]

wherein, "n" is an integer of 0 to 10;

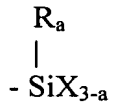
R^1 is a hydrogen atom or an alkyl group of 1 to 10 carbon atoms; and

R^2 is a hydrogen atom or an alkyl group of 1 to 5 carbon atoms,



[II]

wherein, R^3 is a hydrogen atom or an alkyl group of 1 to 10 carbon atoms,



[III]

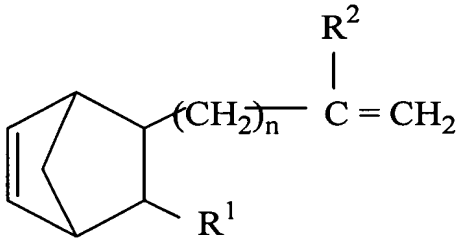
wherein, R is a monovalent hydrocarbon group of 1 to 12 carbon atoms; X is a hydrolyzable group selected from the group consisting of hydride, halogen, alkoxyl, acyloxy,

ketoximate, amide, acid amide, aminoxy, mercapto, alkenyloxy, thioalkoxy and amino group; and "a" is an integer of 0 to 2, and

a sulfur-based aging inhibitor (U).

23. (Previously Presented) A curable composition comprising

(A1) a silyl-containing ethylene/α-olefin/non-conjugated polyene random copolymer rubber which has a structural unit derived from a norbornene compound, represented by the following general formula [I] or [II], as the non-conjugated polyene with at least one specific vinyl group at the terminal, and containing a hydrolyzable silyl group, represented by the following general formula [III], and

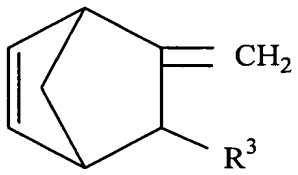


[I]

wherein, "n" is an integer of 0 to 10;

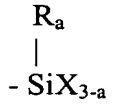
R^1 is a hydrogen atom or an alkyl group of 1 to 10 carbon atoms; and

R^2 is a hydrogen atom or an alkyl group of 1 to 5 carbon atoms,



[II]

wherein, R^3 is a hydrogen atom or an alkyl group of 1 to 10 carbon atoms,



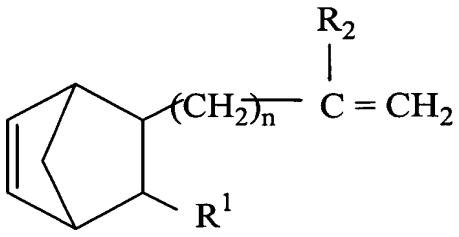
[III]

wherein, R is a monovalent hydrocarbon group of 1 to 12 carbon atoms; X is a hydrolyzable group selected from the group consisting of hydride, halogen, mercapto, alkenyloxy, alkoxyl, acyloxy, ketoximate, amide, acid amide, aminoxy, thioalkoxy and amino group; and "a" is an integer of 0 to 2, and

(V) a compound having, in the molecule, an unsaturated group capable of triggering polymerization by reacting with oxygen in air and/or a photopolymerizable material.

24. (Previously Presented) An adhesive composition comprising

a silyl-containing ethylene/α-olefin/non-conjugated polyene random copolymer rubber (A1) which has a structural unit derived from a norbornene compound, represented by the following general formula [I] or [II], as the non-conjugated polyene with at least one specific vinyl group at the terminal, and containing a hydrolyzable silyl group, represented by the following general formula [III], and

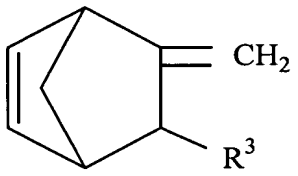


[I]

wherein, "n" is an integer of 0 to 10;

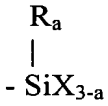
R^1 is a hydrogen atom or an alkyl group of 1 to 10 carbon atoms; and

R^2 is a hydrogen atom or an alkyl group of 1 to 5 carbon atoms,



[II]

wherein, R^3 is a hydrogen atom or an alkyl group of 1 to 10 carbon atoms,

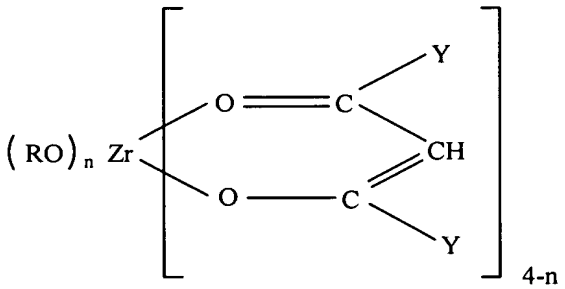


[III]

wherein, R is a monovalent hydrocarbon group of 1 to 12 carbon atoms; X is a hydrolyzable group selected from the group consisting of hydride, halogen, alkoxyl, acyloxy, ketoximate, amide, acid amide, aminoxy, mercapto, alkenyloxy, thioalkoxy and amino group; and "a" is an integer of 0 to 2,

a tackiness imparting resin (W), and

a curing catalyst (H) composed of an organozirconium compound (H1) represented by the following general formula [VIII] or an organoaluminum compound (H2) represented by the following general formula [IX]:

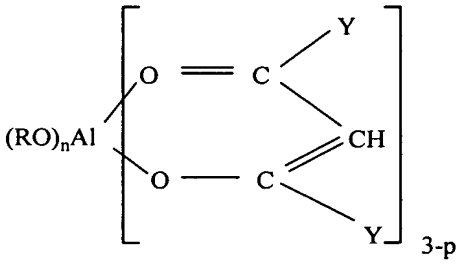


[VIII]

wherein, "n" is an integer of 0 to 4,

R is a monovalent hydrocarbon group of 1 to 20 carbon atoms, and

Y is a group selected from the group consisting of hydrocarbon of 1 to 8 carbon atoms, halogenated hydrocarbon, cyanoalkyl, alkoxyl, halogenated alkoxyl, cyanoalkoxy and amino group, which may be the same or different, and



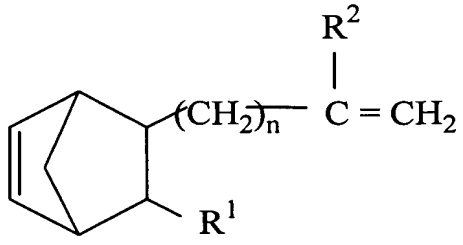
[IX]

wherein, "p" is an integer of 0 to 3,

R is a monovalent hydrocarbon group of 1 to 20 carbon atoms, and

Y is a group selected from the group consisting of hydrocarbon of 1 to 8 carbon atoms, halogenated hydrocarbon, cyanoalkyl, alkoxyl, halogenated alkoxyl, cyanoalkoxy and amino group, which may be the same or different.

25. (Previously Presented) A rubber composition of improved pot life, comprising a silyl-containing ethylene/α-olefin/non-conjugated polyene random copolymer rubber (A1) which has a structural unit derived from a norbornene compound, represented by the following general formula [I] or [II], as the non-conjugated polyene with at least one specific vinyl group at the terminal, and containing a hydrolyzable silyl group, represented by the following general formula [III], and

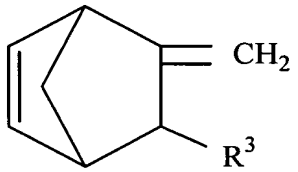


[I]

wherein, "n" is an integer of 0 to 10;

R^1 is a hydrogen atom or an alkyl group of 1 to 10 carbon atoms; and

R^2 is a hydrogen atom or an alkyl group of 1 to 5 carbon atoms,



[II]

wherein, R^3 is a hydrogen atom or an alkyl group of 1 to 10 carbon atoms,

$$\begin{array}{l} R_a \\ | \\ -SiX_{3-a} \end{array} \qquad \text{[III]}$$

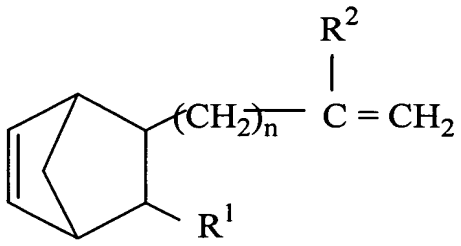
wherein, R is a monovalent hydrocarbon group of 1 to 12 carbon atoms; X is a hydrolyzable group selected from the group consisting of hydride, halogen, alkoxyl, acyloxy, ketoximate, amide, acid amide, aminoxy, mercapto, alkenyloxy, thioalkoxy and amino group; and "a" is an integer of 0 to 2,

a curing catalyst (H) composed of a mercaptide type organotin compound (H3) having the Sn-S bond, a sulfide type organotin compound (H4) having the Sn=S bond, organocarboxylic acid (H5), organocarboxylic anhydride (H6), or a mixture of one of the above compounds and a carboxylic type organotin compound (H7).

26. (Currently Amended) A curable composition comprising

(A1) a silyl-containing ethylene/α-olefin/non-conjugated polyene random copolymer rubber which has a structural unit derived from a norbornene compound, represented by the following general formula [I] or [II], as the non-conjugated polyene with at least one specific

vinyl group at the terminal, and containing a hydrolyzable silyl group, represented by the following general formula [III], and

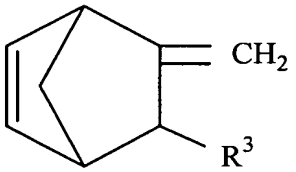


[I]

wherein, "n" is an integer of 0 to 10;

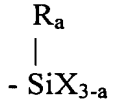
R^1 is a hydrogen atom or an alkyl group of 1 to 10 carbon atoms; and

R^2 is a hydrogen atom or an alkyl group of 1 to 5 carbon atoms,



[II]

wherein, R^3 is a hydrogen atom or an alkyl group of 1 to 10 carbon atoms,



[III]

wherein, R is a monovalent hydrocarbon group of 1 to 12 carbon atoms; X is a hydrolyzable group selected from the group consisting of hydride, halogen, mercapto, alkenyloxy, alkoxyl, acyloxy, ketoximate, amide, acid amide, aminoxy, thioalkoxy and amino group; and "a" is an integer of 0 to 2, wherein the rubber (A1) is produced by hydrosilylation, whereby said ethylene/α-olefin/non-conjugated polyene random copolymer rubber is reacted with a silicon compound represented by the following general formula [IV] in the presence of a transition metal complex catalyst:

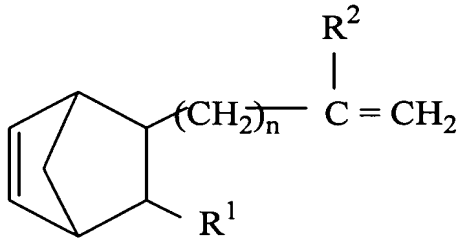
wherein R and "a" are as defined above; and

(H8) a compound as a curing catalyst (H), represented by the general formula $Q_2Sn(OZ)_2$ or $[Q_2Sn(OZ)]_2O$,

wherein, Q is a monovalent hydrocarbon group of 1 to 20 carbon atoms; and Z is a monovalent hydrocarbon group of 1 to 20 carbon atoms or an organic group having a functional group capable of forming therein a coordination bond with Sn.

27. (Currently Amended) A curable rubber composition comprising

a silyl-containing ethylene/α-olefin/non-conjugated polyene random copolymer rubber (A1) which has a structural unit derived from a norbornene compound, represented by the following general formula [I] or [II], as the non-conjugated polyene with at least one specific vinyl group at the terminal, and containing a hydrolyzable silyl group, represented by the following general formula [III], and

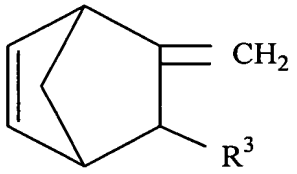


[I]

wherein, "n" is an integer of 0 to 10;

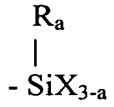
R^1 is a hydrogen atom or an alkyl group of 1 to 10 carbon atoms; and

R^2 is a hydrogen atom or an alkyl group of 1 to 5 carbon atoms,



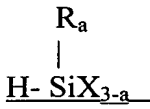
[II]

wherein, R^3 is a hydrogen atom or an alkyl group of 1 to 10 carbon atoms,



[III]

wherein, R is a monovalent hydrocarbon group of 1 to 12 carbon atoms; X is a hydrolyzable group selected from the group consisting of hydride, halogen, alkoxyl, acyloxy, ketoximate, amide, acid amide, aminoxy, mercapto, alkenyloxy, thioalkoxy and amino group; and "a" is an integer of 0 to 2, wherein the rubber (A1) is produced by hydrosilylation, whereby said ethylene/α-olefin/non-conjugated polyene random copolymer rubber is reacted with a silicon compound represented by the following general formula [IV] in the presence of a transition metal complex catalyst:



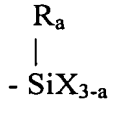
[IV]

wherein R and "a" are as defined above; and

titanates (Y).

28. (Withdrawn) A crosslinkable rubber composition comprising

an organic polymer (Z) containing a hydrolyzable silyl group represented by the following general formula [III] and essentially no unsaturated double bond in the main chain:



[III]

wherein, R is a monovalent hydrocarbon group of 1 to 12 carbon atoms; X is a hydrolyzable group selected from the group consisting of hydride, halogen, alkoxyl, acyloxy, ketoximate, amide, acid amide, aminoxy, mercapto, alkenyloxy, thioalkoxy and amino group; and "a" is an integer of 0 to 2, and

a compound (B) containing hydroxyl and/or hydrolyzable groups;

wherein said curable elastic composition is used for electric/electronic device members, transportation machines, and civil engineering/construction, medical and leisure areas.

29. (Withdrawn) The curable composition according to Claim 28, wherein said compound (B) containing hydroxyl and/or hydrolyzable groups contains silicon.

30. (Withdrawn) A crosslinkable rubber composition comprising

an organic polymer (Z) containing a hydrolyzable silyl group represented by the following general formula [III] and essentially no unsaturated double bond in the main chain:

$$\begin{array}{l} R_a \\ | \\ -SiX_{3-a} \end{array} \qquad [III]$$

wherein, R is a monovalent hydrocarbon group of 1 to 12 carbon atoms; X is a hydrolyzable group selected from the group consisting of hydride, halogen, alkoxyl, acyloxy, ketoximate, amide, acid amide, aminoxy, mercapto, alkenyloxy, thioalkoxy and amino group; and "a" is an integer of 0 to 2, and

a compound having a silanol group and/or a compound which can react with moisture to form a compound having a silanol group in the molecule (B1), and

used for electric/electronic device members, transportation machines, and civil engineering/construction, medical and leisure areas.

31. (Withdrawn) A crosslinkable rubber composition comprising

an organic polymer (Z) containing a hydrolyzable silyl group represented by the following general formula [III] and essentially no unsaturated double bond in the main chain:

$$\begin{array}{l} R_a \\ | \\ -SiX_{3-a} \end{array} \qquad [III]$$

wherein, R is a monovalent hydrocarbon group of 1 to 12 carbon atoms; X is a hydrolyzable group selected from the group consisting of hydride, halogen, alkoxyl, acyloxy, ketoximate, amide, acid amide, aminoxy, mercapto, alkenyloxy, thioalkoxy and amino group; and "a" is an integer of 0 to 2[[.]], and

a tetravalent tin compound (C) and

a silicon compound (B2) represented by the following general formula [V]:

$$R^4{}_aSi(OR^5)_{4-a} \qquad [V]$$

wherein, R^4 and R^5 are each a substituted or unsubstituted hydrocarbon group of 1 to 20 carbon atoms, and "a" is 0, 1, 2, or 3, and

used for electric/electronic device members, transportation machines, and civil engineering/construction, medical and leisure areas.

32. (Withdrawn) A curable composition comprising

(a) an organic polymer (Z) containing a hydrolyzable silyl group represented by the following general formula [III] and essentially no unsaturated double bond in the main chain:

$$\begin{array}{l} R_a \\ | \\ -\ SiX_{3-a} \end{array} \qquad [III]$$

wherein, R is a monovalent hydrocarbon group of 1 to 12 carbon atoms; X is a hydrolyzable group selected from the group consisting of hydride, halogen, mercapto, alkenyloxy, alkoxyl, acyloxy, ketoximate, amide, acid amide, aminoxy, thioalkoxy and amino group; and "a" is an integer of 0 to 2, and

(b) a silicon compound (B3) having at least one amino group and at least one trialkylsiloxy group; and

used for electric/electronic device members, transportation machines, and civil engineering/construction, medical and leisure areas.

33. (Withdrawn) A curable composition comprising

(a) an organic polymer (Z) containing a hydrolyzable silyl group represented by the following general formula [III] and essentially no unsaturated double bond in the main chain:

$$\begin{array}{l} R_a \\ | \\ -\ SiX_{3-a} \end{array} \qquad [III]$$

wherein, R is a monovalent hydrocarbon group of 1 to 12 carbon atoms; X is a hydrolyzable group selected from the group consisting of hydride, halogen, mercapto, alkenyloxy, alkoxyl, acyloxy, ketoximate, amide, acid amide, aminoxy, thioalkoxy and amino group; and "a" is an integer of 0 to 2[[.]], and

(b) an organosilicon compound (B4) represented by the following general formula [VI]:

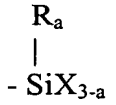
$$(R^2(CH_3)_2SiO)_nR^1 \qquad [VI]$$

wherein, R^1 is an alcohol residue or a weak acid residue, R^2 is a methyl or vinyl group, and "n" is a positive integer; and

used for electric/electronic device members, transportation machines, and civil engineering/construction, medical and leisure areas.

34. (Withdrawn) A crosslinkable rubber composition comprising

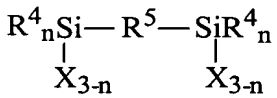
an organic polymer (Z) containing a hydrolyzable silyl group represented by the following general formula [III] and essentially no unsaturated double bond in the main chain:



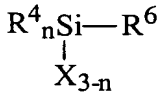
[III]

wherein, R is a monovalent hydrocarbon group of 1 to 12 carbon atoms; X is a hydrolyzable group selected from the group consisting of hydride, halogen, alkoxyl, acyloxy, ketoximate, amide, acid amide, aminoxy, mercapto, alkenyloxy, thioalkoxy and amino group; and "a" is an integer of 0 to 2, and

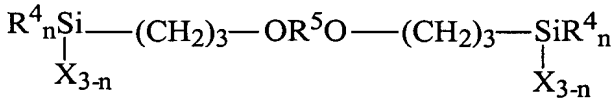
a silane compound (B5) represented by one of the following general formulae [VII-1] to [VII-6]:



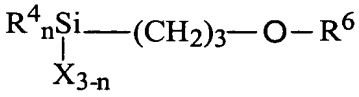
[VII-1]



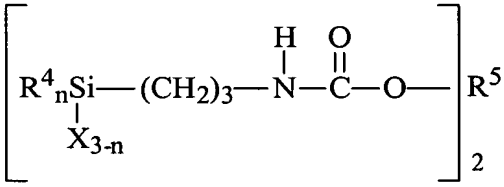
[VII-2]



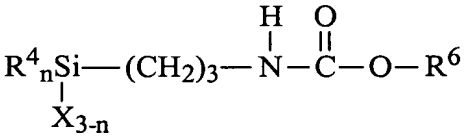
[VII-3]



[VII-4]



[VII-5]



[VII-6]

wherein, R^4 is a hydrocarbon group of 1 to 10 carbon atoms, selected from the group consisting of alkyl, aralkyl and aryl; X is a group selected from the group consisting of halogen, hydroxy, alkoxyl, acyloxy, aminoxy, phenoxy, thioalkoxy, amino, ketoximate, mercapto and alkenyloxy; R^5 is an alkylene or arylene group of 8 to 200 carbon atoms; R^6 is a monovalent alkyl group of 8 to 200 carbon atoms; and "n" is an integer of 0 to 2;

curable at an ordinary temperature and used for electric/electronic device members, transportation machines, and civil engineering/construction, medical and leisure areas.

35. (Withdrawn) A crosslinkable rubber composition comprising, as the active components,

(Z) an organic polymer containing a hydrolyzable silyl group represented by the following general formula [III] and essentially no unsaturated double bond in the main chain:

$$\begin{array}{l} R_a \\ | \\ -SiX_{3-a} \end{array} \qquad [III]$$

wherein, R is a monovalent hydrocarbon group of 1 to 12 carbon atoms; X is a hydrolyzable group selected from the group consisting of hydride, halogen, alkoxyl, acyloxy, ketoximate, amide, acid amide, aminoxy, mercapto, alkenyloxy, thioalkoxy and amino group; and "a" is an integer of 0 to 2,

(D) amines selected from the group consisting of aliphatic amines, alicyclic amines, modified cycloaliphatic polyamines and ethanolamines,

(B6) a silane coupling agent represented by the general formula $Y_3(Si)Z$, wherein Y is an alkoxyl group; and Z is an alkyl group containing a functional group selected from the group consisting of amino group, which may be substituted with an aminoalkyl group or not, and mercapto group, and

(E) a resin composed of a lacquer-based paint, an acrylic lacquer-based paint, an acrylic resin-based paint, a thermosetting acrylic paint, an alkyd paint, a melamine paint, an epoxy paint or organopolysiloxane; and

used for electric/electronic device members, transportation machines, and civil engineering/construction, medical and leisure areas.

36. (Withdrawn) A curable composition comprising

(a) an organic polymer (Z) containing a hydrolyzable silyl group represented by the following general formula [III] and essentially no unsaturated double bond in the main chain:

$$\begin{array}{l} R_a \\ | \\ -SiX_{3-a} \end{array} \qquad [III]$$

wherein, R is a monovalent hydrocarbon group of 1 to 12 carbon atoms; X is a hydrolyzable group selected from the group consisting of hydride, halogen, mercapto, alkenyloxy, alkoxyl, acyloxy, ketoximate, amide, acid amide, aminoxy, thioalkoxy and amino group; and "a" is an integer of 0 to 2, and

(b) a silane-based compound substituted with amino group (B7); and

used for electric/electronic device members, transportation machines; and civil engineering/construction, medical and leisure areas.

37. (Withdrawn) A curable composition comprising

(Z) an organic polymer containing a hydrolyzable silyl group represented by the following general formula [III] and essentially no unsaturated double bond in the main chain:

$$\begin{array}{l} R_a \\ | \\ -SiX_{3-a} \end{array} \qquad [III]$$

wherein, R is a monovalent hydrocarbon group of 1 to 12 carbon atoms; X is a hydrolyzable group selected from the group consisting of hydride, halogen, mercapto, alkenyloxy, alkoxyl, acyloxy, ketoximate, amide, acid amide, aminoxy, thioalkoxy and amino group; and "a" is an integer of 0 to 2, and

(F) a filler,(G) a plasticizer, (H) a curing catalyst and (E8) an organocarboxylate compound; and

used for electric/electronic device members, transportation machines, and civil engineering/construction, medical and leisure areas.

38. (Withdrawn) A crosslinkable rubber composition comprising

an organic polymer (Z) containing a hydrolyzable silyl group represented by the following general formula [III] and essentially no unsaturated double bond in the main chain:

$$\begin{array}{l} R_a \\ | \\ -SiX_{3-a} \end{array} \qquad [III]$$

wherein, R is a monovalent hydrocarbon group of 1 to 12 carbon atoms; X is a hydrolyzable group selected from the group consisting of hydride, halogen, alkoxyl, acyloxy, ketoximate, amide, acid amide, aminoxy, mercapto, alkenyloxy, thioalkoxy and amino group; and "a" is an integer of 0 to 2.,

alcohols (B9) and/or a hydrolyzable ester compound (I) (except the hydrolyzable organosilicon compound (B10), and

a hydrolyzable organosilicon compound (B10); and

used for electric/electronic device members, transportation machines, and civil engineering/construction, medical and leisure areas.

39. (Withdrawn) A two- or more multi-liquid type crosslinkable rubber composition comprising at least two liquids, characterized in that it contains a major ingredient (I) containing an organic polymer (Z) containing a hydrolyzable silyl group represented by the following general formula [III] and essentially no unsaturated double bond in the main chain:

$$\begin{array}{l} R_a \\ | \\ -\ SiX_{3-a} \end{array} \qquad [III]$$

wherein, R is a monovalent hydrocarbon group of 1 to 12 carbon atoms; X is a hydrolyzable group selected from the group consisting of hydride, halogen, alkoxyl, acyloxy, ketoximate, amide, acid amide, aminoxy, mercapto, alkenyloxy, thioalkoxy and amino group; and "a" is an integer of 0 to 2, and

a curing agent (II) containing a silanol condensing catalyst (J) and water or a hydrate of a metallic salt (B11); and

used for electric/electronic device members, transportation machines, and civil engineering/construction, medical and leisure areas.

40. (Withdrawn) A crosslinkable rubber composition comprising

an organic polymer (Z1) containing a hydrolyzable silyl group represented by the following general formula (1) and essentially no unsaturated double bond in the main chain,

$$\begin{array}{l} Rm \\ | \\ -\ SiX_{3-m} \end{array} \qquad (1)$$

wherein, R is a monovalent hydrocarbon group of 1 to 12 carbon atoms; X is a hydrolyzable group selected from the group consisting of hydride, halogen, alkoxyl, acyloxy, ketoximate, amide, acid amide, aminoxy, thioalkoxy, amino, mercapto and alkenyloxy group; and "m" is an integer of 0 to 2, and

a high-molecular compound (K) other than the organic polymer (Z1) and/or an inorganic filler (L); and

used for electric/electronic members, transportation machines, and civil engineering/construction, medical and leisure areas.

41. (Withdrawn) A crosslinkable rubber composition comprising

(Z1) an organic polymer containing a hydrolyzable silyl group represented by the following general formula (1) and essentially no unsaturated double bond in the main chain,

$$\begin{array}{l} \mathrm{Rm} \\ | \\ -\ \mathrm{SiX_{3-m}} \end{array} \qquad (1)$$

wherein, R is a monovalent hydrocarbon group of 1 to 12 carbon atoms; X is a hydrolyzable group selected from the group consisting of hydride, halogen, alkoxyl, acyloxy, ketoximate, amide, acid amide, aminoxy, thioalkoxy, amino, mercapto and alkenyloxy group; and "m" is an integer of 0 to 2, and

(K1) an organosilicon polymer; and

used for electric/electronic device members, transportation machines, and civil engineering/construction, medical and leisure areas.

42. (Withdrawn) A crosslinkable rubber composition comprising

(Z1) an organic polymer containing a hydrolyzable silyl group represented by the following general formula (1) and essentially no unsaturated double bond in the main chain,

$$\begin{array}{l} \mathrm{Rm} \\ | \\ -\ \mathrm{SiX_{3-m}} \end{array} \qquad (1)$$

wherein, R is a monovalent hydrocarbon group of 1 to 12 carbon atoms; X is a hydrolyzable group selected from the group consisting of hydride, halogen, alkoxyl, acyloxy,

ketoximate, amide, acid amide, aminoxy, thioalkoxy, amino, mercapto and alkenyloxy group; and "m" is an integer of 0 to 2,

(M) a crosslinking agent for the organic rubber (K2), and

used for electric/electronic device members, transportation machines, and civil engineering/construction, medical and leisure areas.

43. (Withdrawn) A crosslinkable rubber composition comprising

(Z1) an organic polymer containing a hydrolyzable silyl group represented by the following general formula (1) and essentially no unsaturated double bond in the main chain,

$$\begin{array}{l} \quad Rm \\ \quad | \\ -\ SiX_{3-m} \end{array} \qquad (1)$$

wherein, R is a monovalent hydrocarbon group of 1 to 12 carbon atoms; X is a hydrolyzable group selected from the group consisting of hydride, halogen, alkoxyl, acyloxy, ketoximate, amide, acid amide, aminoxy, thioalkoxy, amino, mercapto and alkenyloxy group; and "m" is an integer of 0 to 2,

(K3) an epoxy resin,

(N) a silane coupling agent,

(O) a silanol condensing catalyst, and

(P) a curing agent for the epoxy resin; and

used for electric/electronic device members, transportation machines, and civil engineering/construction, medical and leisure areas.

44. (Withdrawn) A crosslinkable rubber composition comprising

(Z1) an organic polymer containing a hydrolyzable silyl group represented by the following general formula (1) and essentially no unsaturated double bond in the main chain,

$$\begin{array}{l} \mathrm{Rm} \\ | \\ -\ \mathrm{SiX_{3-m}} \end{array} \qquad (1)$$

wherein, R is a monovalent hydrocarbon group of 1 to 12 carbon atoms; X is a hydrolyzable group selected from the group consisting of hydride, halogen, alkoxyl, acyloxy, ketoximate, amide, acid amide, aminoxy, thioalkoxy, amino, mercapto and alkenyloxy group; and "m" is an integer of 0 to 2,

(K3) an epoxy resin,

(Q) a silicon compound containing a functional group reactive with an epoxy group and a hydrolyzable silyl group in the molecule and

(R) a silicon compound containing at least two hydroxyl groups bonded to the silicon atom in the molecule; and

used for electric/electronic device members, transportation machines, and civil engineering/construction, medical and leisure areas.

45. (Withdrawn) A crosslinkable rubber composition comprising

(Z1) an organic polymer containing a hydrolyzable silyl group represented by the following general formula (1) and essentially no unsaturated double bond in the main chain,

$$\begin{array}{l} \mathrm{Rm} \\ | \\ -\ \mathrm{SiX_{3-m}} \end{array} \qquad (1)$$

wherein, R is a monovalent hydrocarbon group of 1 to 12 carbon atoms; X is a hydrolyzable group selected from the group consisting of hydride, halogen, alkoxyl, acyloxy, ketoximate, amide, acid amide, aminoxy, thioalkoxy, amino, mercapto and alkenyloxy group; and "m" is an integer of 0 to 2,

(L1) calcium carbonate and

(L2) talc; and

used for electric/electronic device members, transportation machines, and civil engineering/construction, medical and leisure areas.

46. (Withdrawn) A curable composition characterized in that it contains

(a) an organic polymer (Z) containing a hydrolyzable silyl group represented by the following general formula [III]

and essentially no unsaturated double bond in the main chain,

$$\begin{array}{l} R_a \\ | \\ -\ SiX_{3-a} \end{array} \qquad [III]$$

wherein, R is a monovalent hydrocarbon group of 1 to 12 carbon atoms; X is a hydrolyzable group selected from the group consisting of hydride, halogen, mercapto, alkenyloxy, alkoxyl, acyloxy, ketoximate, amide, acid amide, aminoxy, thioalkoxy and amino group; and "a" is an integer of 0 to 2,

(b) a nickel-containing light stabilizer (S) and

(c) a silane coupling agent (T); and

used for electric/electronic device members, transportation machines, and civil engineering/construction, medical and leisure areas.

47. (Withdrawn) A crosslinkable rubber composition characterized in that it contains

an organic polymer (Z) containing a hydrolyzable silyl group represented by the following general formula [III] and essentially no unsaturated double bond in the main chain:

$$\begin{array}{l} R_a \\ | \\ -\ SiX_{3-a} \end{array} \qquad [III]$$

wherein, R is a monovalent hydrocarbon group of 1 to 12 carbon atoms; X is a hydrolyzable group selected from the group consisting of hydride, halogen, alkoxyl, acyloxy, ketoximate, amide, acid amide, aminoxy, mercapto, alkenyloxy, thioalkoxy and amino group; and "a" is an integer of 0 to 2, and

a sulfur-based aging inhibitor (U); and

used for electric/electronic device members, transportation machines, and civil engineering/construction, medical and leisure areas.

48. (Withdrawn) A curable composition characterized in that it contains

(Z) an organic polymer containing a hydrolyzable silyl group represented by the following general formula [III] and essentially no unsaturated double bond in the main chain:

$$\begin{array}{l} R_a \\ | \\ -\ SiX_{3-a} \end{array} \qquad [III]$$

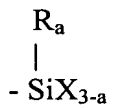
wherein, R is a monovalent hydrocarbon group of 1 to 12 carbon atoms; X is a hydrolyzable group selected from the group consisting of hydride, halogen, mercapto, alkenyloxy, alkoxyl, acyloxy, ketoximate, amide, acid amide, aminoxy, thioalkoxy and amino group; and "a" is an integer of 0 to 2, and

(V) a compound having, in the molecule, an unsaturated group capable of triggering polymerization by reacting with oxygen in air and/or a photopolymerizable material; and

used for electric/electronic device members, transportation machines, and civil engineering/construction, medical and leisure areas.

49. (Withdrawn) An adhesive composition characterized in that the crosslinkable rubber composition contains

an organic polymer (Z) containing a hydrolyzable silyl group represented by the following general formula [III] and essentially no unsaturated double bond in the main chain:

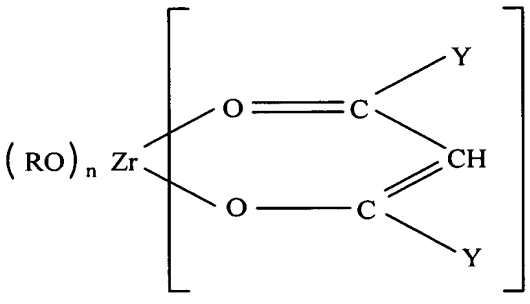


[III]

wherein, R is a monovalent hydrocarbon group of 1 to 12 carbon atoms; X is a hydrolyzable group selected from the group consisting of hydride, halogen, alkoxyl, acyloxy, ketoximate, amide, acid amide, aminoxy, mercapto, alkenyloxy, thioalkoxy and amino group; and "a" is an integer of 0 to 2,

a tackiness imparting resin (W), and

a curing catalyst (H) composed of an organozirconium compound (H1) represented by the following general formula [VIII] or an organoaluminum compound (H2) represented by the following general formula [IX]:

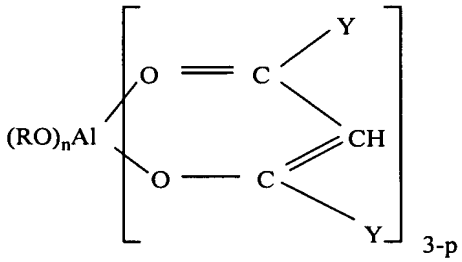


[VIII]

wherein, "n" is an integer of 0 to 4,

R is a monovalent hydrocarbon group of 1 to 20 carbon atoms, and

Y is a group selected from the group consisting of hydrocarbon of 1 to 8 carbon atoms, halogenated hydrocarbon, cyanoalkyl, alkoxyl, halogenated alkoxyl, cyanoalkoxy and amino group, which may be the same or different, and



[IX]

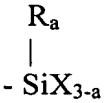
wherein, "p" is an integer of 0 to 3,

R is a monovalent hydrocarbon group of 1 to 20 carbon atoms, and

Y is a group selected from the group consisting of hydrocarbon of 1 to 8 carbon atoms, halogenated hydrocarbon, cyanoalkyl, alkoxyl, halogenated alkoxyl, cyanoalkoxy and amino group, which may be the same or different; and

used for electric/electronic device members, transportation machines, and civil engineering/construction, medical and leisure areas.

50. (Withdrawn) A crosslinkable rubber composition characterized in that it contains an organic polymer (Z) containing a hydrolyzable silyl group represented by the following general formula [III] and essentially no unsaturated double bond in the main chain:



[III]

wherein, R is a monovalent hydrocarbon group of 1 to 12 carbon atoms; X is a hydrolyzable group selected from the group consisting of hydride, halogen, alkoxyl, acyloxy, ketoximate, amide, acid amide, aminoxy, mercapto, alkenyloxy, thioalkoxy and amino group; and "a" is an integer of 0 to 2, and

a curing catalyst (H) composed of a mercaptide type organotin compound (H3) having the Sn-S bond, a sulfide type organotin compound (H4) having the Sn=S bond, organocarboxylic acid (H5), organocarboxylic anhydride (H6), or a mixture of one of the above compounds and a carboxylic type organotin compound (H7); and

used for electric/electronic device members, transportation machines, and civil engineering/construction, medical and leisure areas.

51. (Withdrawn) A curable composition characterized in that it contains

(Z) an organic polymer containing a hydrolyzable silyl group represented by the following general formula [III] and essentially no unsaturated double bond in the main chain:

$$\begin{array}{l} R_a \\ | \\ -SiX_{3-a} \end{array} \qquad [III]$$

wherein, R is a monovalent hydrocarbon group of 1 to 12 carbon atoms; X is a hydrolyzable group selected from the group consisting of hydride, halogen, mercapto, alkenyloxy, alkoxyl, acyloxy, ketoximate, amide, acid amide, aminoxy, thioalkoxy and amino group; and "a" is an integer of 0 to 2, and

(H8) a compound as a curing catalyst (H), represented by the general formula $Q_2Sn(OZ)_2$ or $[Q_2Sn(OZ)]_2O$,

wherein, Q is a monovalent hydrocarbon group of 1 to 20 carbon atoms; and Z is a monovalent hydrocarbon group of 1 to 20 carbon atoms or an organic group having a functional group capable of forming therein a coordination bond with Sn; and

used for electric/electronic device members, transportation machines, and civil engineering/construction, medical and leisure areas.

52. (Withdrawn) A curable rubber composition characterized in that it contains

an organic polymer (Z) containing a hydrolyzable silyl group represented by the following general formula [III] and essentially no unsaturated double bond in the main chain:

$$\begin{array}{l} R_a \\ | \\ -\ SiX_{3-a} \end{array} \qquad [III]$$

wherein, R is a monovalent hydrocarbon group of 1 to 12 carbon atoms; X is a hydrolyzable group selected from the group consisting of hydride, halogen, alkoxyl, acyloxy, ketoximate, amide, acid amide, aminoxy, mercapto, alkenyloxy, thioalkoxy and amino group; and "a" is an integer of 0 to 2, and

titanates (Y); and

used for electric/electronic device members, transportation machines, and civil engineering/construction, medical and leisure areas.

Claims 53-64. (Canceled)

65. (Withdrawn) A sealant, a potting agent, a coating material or an adhesive, characterized in that it is composed of a crosslinkable rubber composition comprising

an organic polymer (Z) containing a hydrolyzable silyl group represented by the following general formula [III] and essentially no unsaturated double bond in the main chain:

$$\begin{array}{l} R_a \\ | \\ -\ SiX_{3-a} \end{array} \qquad [III]$$

wherein, R is a monovalent hydrocarbon group of 1 to 12 carbon atoms; X is a hydrolyzable group selected from the group consisting of hydride, halogen, alkoxyl, acyloxy,

ketoximate, amide, acid amide, aminoxy, mercapto, alkenyloxy, thioalkoxy and amino group; and "a" is an integer of 0 to 2, and

a compound (B) containing a hydroxyl group and/or a hydrolyzable group.

66. (Withdrawn) The sealant, the potting agent, the coating material or the adhesive according to Claim 65, wherein said compound (B) having a hydroxyl and/or a hydrolyzable group contains silicon.

67. (Withdrawn) A sealant, a potting agent, a coating material or an adhesive, characterized in that it is composed of a crosslinkable rubber composition comprising

an organic polymer (Z) containing a hydrolyzable silyl group represented by the following general formula [III] and essentially no unsaturated double bond in the main chain:

$$\begin{array}{l} R_a \\ | \\ -SiX_{3-a} \end{array} \qquad [III]$$

wherein, R is a monovalent hydrocarbon group of 1 to 12 carbon atoms; X is a hydrolyzable group selected from the group consisting of hydride, halogen, alkoxyl, acyloxy, ketoximate, amide, acid amide, aminoxy, mercapto, alkenyloxy, thioalkoxy and amino group; and "a" is an integer of 0 to 2, and

a compound (B1) having a silanol group and/or a compound which can react with moisture to form a compound having a silanol group in the molecule.

68. (Withdrawn) A sealant, a potting agent, a coating material or an adhesive, characterized in that it is composed of a crosslinkable rubber composition comprising

an organic polymer (Z) containing a hydrolyzable silyl group represented by the following general formula [III] and essentially no unsaturated double bond in the main chain:

$$\begin{array}{l} R_a \\ | \\ -SiX_{3-a} \end{array} \qquad [III]$$

wherein, R is a monovalent hydrocarbon group of 1 to 12 carbon atoms; X is a hydrolyzable group selected from the group consisting of hydride, halogen, alkoxyl, acyloxy, ketoximate, amide, acid amide, aminoxy, mercapto, alkenyloxy, thioalkoxy and amino group; and "a" is an integer of 0 to 2,

a tetravalent tin compound (C) and

a silicon compound (B2) represented by the following general formula [V]:

$$R^4{}_aSi(OR^5)_{4-a} \qquad [V]$$

wherein, R^4 and R^5 are each a substituted or unsubstituted hydrocarbon group of 1 to 20 carbon atoms, and "a" is 0, 1, 2, or 3.

69. (Withdrawn) A sealant, a potting agent, a coating material or an adhesive, characterized in that it is composed of a curable composition comprising

(a) an organic polymer (Z) containing a hydrolyzable silyl group represented by the following general formula [III] and essentially no unsaturated double bond in the main chain:

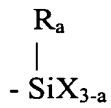
$$\begin{array}{l} R_a \\ | \\ -SiX_{3-a} \end{array} \qquad [III]$$

wherein, R is a monovalent hydrocarbon group of 1 to 12 carbon atoms; X is a hydrolyzable group selected from the group consisting of hydride, halogen, mercapto, alkenyloxy, alkoxyl, acyloxy, ketoximate, amide, acid amide, aminoxy, thioalkoxy and amino group; and "a" is an integer of 0 to 2, and

(b) a silicon compound (B3) having at least one amino group and at least one trialkylsiloxy group in the molecule.

70. (Withdrawn) A sealant, a potting agent, a coating material or an adhesive, characterized in that it is composed of a curable composition comprising

(a) an organic polymer (Z) containing a hydrolyzable silyl group represented by the following general formula [III] and essentially no unsaturated double bond in the main chain:



[III]

wherein, R is a monovalent hydrocarbon group of 1 to 12 carbon atoms; X is a hydrolyzable group selected from the group consisting of hydride, halogen, mercapto, alkenyloxy, alkoxyl, acyloxy, ketoximate, amide, acid amide, aminoxy, thioalkoxy and amino group; and "a" is an integer of 0 to 2, and

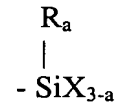
(b) an organosilicon compound (B4) represented by the following general formula [VI]:

[VI]

wherein, R^1 is an alcohol residue or a weak acid residue, R^2 is a methyl or vinyl group, and "n" is a positive integer.

71. (Withdrawn) A sealant, a potting agent, a coating material or an adhesive, characterized in that it is composed of a crosslinkable rubber composition comprising

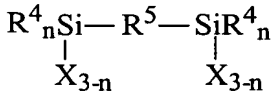
an organic polymer (Z) containing a hydrolyzable silyl group represented by the following general formula [III] and essentially no unsaturated double bond in the main chain:



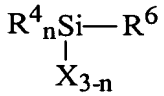
[III]

wherein, R is a monovalent hydrocarbon group of 1 to 12 carbon atoms; X is a hydrolyzable group selected from the group consisting of hydride, halogen, alkoxyl, acyloxy, ketoximate, amide, acid amide, aminoxy, mercapto, alkenyloxy, thioalkoxy and amino group; and "a" is an integer of 0 to 2, and

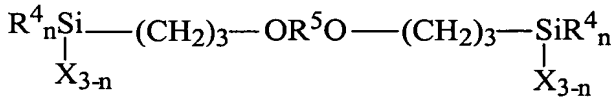
a silane compound (B5) represented by one of the following general formulae [VII-1] to [VII-6]:



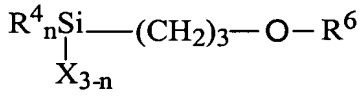
[VII-1]



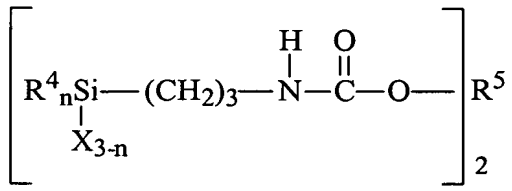
[VII-2]



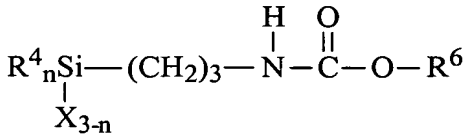
[VII-3]



[VII-4]



[VII-5]



[VII-6]

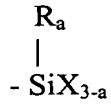
wherein, R^4 is a hydrocarbon group of 1 to 10 carbon atoms, selected from the group consisting of alkyl, aralkyl and aryl;

X is a group selected from the group consisting of halogen, hydroxy, alkoxyl, acyloxy, aminoxy, phenoxy, thioalkoxy, amino, ketoximate, mercapto and alkenyloxy;

R^5 is an alkylene or arylene group of 8 to 200 carbon atoms; R^6 is a monovalent alkyl group of 8 to 200 carbon atoms; and "n" is an integer of 0 to 2.

72. (Withdrawn) A sealant, a potting agent, a coating material or an adhesive, characterized in that it is composed of a crosslinkable rubber composition comprising, as the active components,

(Z) an organic polymer containing a hydrolyzable silyl group represented by the following general formula [III] and essentially no unsaturated double bond in the main chain:



[III]

wherein, R is a monovalent hydrocarbon group of 1 to 12 carbon atoms; X is a hydrolyzable group selected from the group consisting of hydride, halogen, alkoxyl, acyloxy,

ketoximate, amide, acid amide, aminoxy, mercapto, alkenyloxy, thioalkoxy and amino group; and "a" is an integer of 0 to 2,

(D) amines selected from the group consisting of aliphatic amines, alicyclic amines, modified cycloaliphatic polyamines and ethanolamines,

(B6) a silane coupling agent represented by the general formula $Y_3(Si)Z$, wherein Y is an alkoxyl group; and Z is an alkyl group containing a functional group selected from the group consisting of amino group, which may be substituted with an aminoalkyl group or not, and mercapto group, and

(E) a resin composed of a lacquer-based paint, an acrylic lacquer-based paint, an acrylic resin-based paint, a thermosetting acrylic paint, an alkyd paint, a melamine paint, an epoxy paint or organopolysiloxane.

73. (Withdrawn) A sealant, a potting agent, a coating material or an adhesive, characterized in that it is composed of a curable composition comprising

(a) an organic polymer (Z) containing a hydrolyzable silyl group represented by the following general formula [III] and essentially no unsaturated double bond in the main chain:

$$\begin{array}{l} R_a \\ | \\ -SiX_{3-a} \end{array} \qquad [III]$$

wherein, R is a monovalent hydrocarbon group of 1 to 12 carbon atoms; X is a hydrolyzable group selected from the group consisting of hydride, halogen, mercapto, alkenyloxy, alkoxyl, acyloxy, ketoximate, amide, acid amide, thioalkoxy and amino group; and "a" is an integer of 0 to 2, and

(b) a silane-based compound substituted with amino group (B7).

74. (Withdrawn) A sealant, a potting agent, a coating material or an adhesive, characterized in that it is composed of a curable composition comprising

(Z) an organic polymer containing a hydrolyzable silyl group represented by the following general formula [III] and essentially no unsaturated double bond in the main chain:

$$\begin{array}{l} R_a \\ | \\ -SiX_{3-a} \end{array} \qquad [III]$$

wherein, R is a monovalent hydrocarbon group of 1 to 12 carbon atoms; X is a hydrolyzable group selected from the group consisting of hydride, halogen, mercapto, alkenyloxy, alkoxyl, acyloxy, ketoximate, amide, acid amide, aminoxy, thioalkoxy and amino group; and "a" is an integer of 0 to 2, and

(F) a filler, (G) a plasticizer, (H) a curing catalyst and (B8) an organocarboxylate compound.

75. (Withdrawn) A sealant, a potting agent, a coating material or an adhesive, characterized in that it is composed of a crosslinkable rubber composition comprising

an organic polymer (Z) containing a hydrolyzable silyl group represented by the following general formula [III] and essentially no unsaturated double bond in the main chain:

$$\begin{array}{l} R_a \\ | \\ -SiX_{3-a} \end{array} \qquad [III]$$

wherein, R is a monovalent hydrocarbon group of 1 to 12 carbon atoms; X is a hydrolyzable group selected from the group consisting of hydride, halogen, alkoxyl, acyloxy, ketoximate, amide, acid amide, aminoxy, mercapto, alkenyloxy, thioalkoxy and amino group; and "a" is an integer of 0 to 2,

alcohols (B9) and/or a hydrolyzable ester (I) (except the hydrolyzable organosilicon compound (B10), and

a hydrolyzable organosilicon compound (B10).

76. (Withdrawn) A sealant, a potting agent, a coating material or an adhesive, characterized in that it is composed of a two- or more multi-liquid type crosslinkable rubber composition comprising at least two liquids of

a major ingredient (I) containing an organic polymer (Z) containing a hydrolyzable silyl group represented by the following general formula [III] and essentially no unsaturated double bond in the main chain:

$$\begin{array}{l} R_a \\ | \\ -SiX_{3-a} \end{array} \qquad [III]$$

wherein, R is a monovalent hydrocarbon group of 1 to 12 carbon atoms; X is a hydrolyzable group selected from the group consisting of hydride, halogen, alkoxyl, acyloxy, ketoximate, amide, acid amide, aminoxy, mercapto, alkenyloxy, thioalkoxy and amino group; and "a" is an integer of 0 to 2, and

a curing agent (II) containing a silanol condensing catalyst (J) and water or a hydrate of a metallic salt (B11).

77. (Withdrawn) A sealant, a potting agent, a coating material or an adhesive comprising a crosslinkable rubber composition, containing

an organic polymer (Z1) containing a hydrolyzable silyl group represented by the following general formula (1) and essentially no unsaturated double bond in the main chain,

$$\begin{array}{l} Rm \\ | \\ -SiX_{3-m} \end{array} \qquad (1)$$

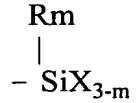
wherein, R is a monovalent hydrocarbon group of 1 to 12 carbon atoms; X is a hydrolyzable group selected from the group consisting of hydride, halogen, alkoxyl, acyloxy, ketoximate, amide, acid amide, aminoxy, thioalkoxy, amino, mercapto and alkenyloxy group; and "m" is an integer of 0 to 2, and

a high-molecular compound (K) other than the organic polymer (Z1) and/or an inorganic filler (L).

78. (Withdrawn) A sealant, a potting agent, a coating material or an adhesive comprising a crosslinkable rubber composition, containing

(Z1) an organic polymer containing a hydrolyzable silyl group represented by the following general formula (1)

and essentially no unsaturated double bond in the main chain,



(1)

wherein, R is a monovalent hydrocarbon group of 1 to 12 carbon atoms; X is a hydrolyzable group selected from the group consisting of hydride, halogen, alkoxyl, acyloxy, ketoximate, amide, acid amide, aminoxy, thioalkoxy, amino, mercapto and alkenyloxy group; and "m" is an integer of 0 to 2, and

(K1) an organosilicon polymer.

79. (Withdrawn) A sealant, a potting agent, a coating material or an adhesive comprising a crosslinkable rubber composition, containing

(Z1) an organic polymer containing a hydrolyzable silyl group represented by the following general formula (1) and essentially no unsaturated double bond in the main chain,

$$\begin{array}{c} Rm \\ | \\ -SiX_{3-m} \end{array} \qquad (1)$$

wherein, R is a monovalent hydrocarbon group of 1 to 12 carbon atoms; X is a hydrolyzable group selected from the group consisting of hydride, halogen, alkoxyl, acyloxy, ketoximate, amide, acid amide, aminoxy, thioalkoxy, amino, mercapto and alkenyloxy group; and "m" is an integer of 0 to 2,

(K2) organic rubber, and

(M) a crosslinking agent for the organic rubber (K2).

80. (Withdrawn) A sealant, a potting agent, a coating material or an adhesive comprising a crosslinkable rubber composition, containing

(Z1) an organic polymer containing a hydrolyzable silyl group represented by the following general formula (1) and essentially no unsaturated double bond in the main chain,

$$\begin{array}{c} Rm \\ | \\ -SiX_{3-m} \end{array} \qquad (1)$$

wherein, R is a monovalent hydrocarbon group of 1 to 12 carbon atoms; X is a hydrolyzable group selected from the group consisting of hydride, halogen, alkoxyl, acyloxy, ketoximate, amide, acid amide, aminoxy, thioalkoxy, amino, mercapto and alkenyloxy group; and "m" is an integer of 0 to 2,

(K3) an epoxy resin,

(N) a silane coupling agent,

(O) a silanol condensing catalyst, and

(P) a curing agent for the epoxy resin.

81. (Withdrawn) A sealant, a potting agent, a coating material or an adhesive comprising a crosslinkable rubber composition, containing

(Z1) an organic polymer containing a hydrolyzable silyl group represented by the following general formula (1) and essentially no unsaturated double bond in the main chain,

$$\begin{array}{l} \mathrm{Rm} \\ | \\ -\ \mathrm{SiX_{3-m}} \end{array} \qquad (1)$$

wherein, R is a monovalent hydrocarbon group of 1 to 12 carbon atoms; X is a hydrolyzable group selected from the group consisting of hydride, halogen, alkoxyl, acyloxy, ketoximate, amide, acid amide, aminoxy, thioalkoxy, amino, mercapto and alkenyloxy group; and "m" is an integer of 0 to 2,

(K3) an epoxy resin,

(Q) a silicon compound containing a functional group reactive with an epoxy group and a hydrolyzable silyl group in the molecule, and

(R) a silicon compound containing at least two hydroxyl groups bonded to the silicon atom in the molecule.

82. (Withdrawn) A sealant, a potting agent, a coating material or an adhesive comprising a crosslinkable rubber composition, containing

(Z1) an organic polymer containing a hydrolyzable silyl group represented by the following general formula and essentially no unsaturated double bond in the main chain,

$$\begin{array}{l} \mathrm{Rm} \\ | \\ -\ \mathrm{SiX_{3-m}} \end{array} \qquad (1)$$

wherein, R is a monovalent hydrocarbon group of 1 to 12 carbon atoms; X is a hydrolyzable group selected from the group consisting of hydride, halogen, alkoxyl, acyloxy, ketoximate, amide, acid amide, aminoxy, thioalkoxy, amino, mercapto and alkenyloxy group; and "m" is an integer of 0 to 2,

(L1) calcium carbonate, and

(L2) talc.

83. (Withdrawn) A sealant, a potting agent, a coating material or an adhesive, characterized in that it is composed of a curable composition, containing

(a) an organic polymer (Z) containing a hydrolyzable silyl group represented by the following general formula [III] and essentially no unsaturated double bond in the main chain:

$$\begin{array}{l} R_a \\ | \\ -SiX_{3-a} \end{array} \qquad [III]$$

wherein, R is a monovalent hydrocarbon group of 1 to 12 carbon atoms; X is a hydrolyzable group selected from the group consisting of hydride, halogen, mercapto, alkenyloxy, alkoxyl, acyloxy, ketoximate, amide, acid amide, aminoxy, thioalkoxy and amino group; and "a" is an integer of 0 to 2,

(b) a nickel-containing light stabilizer (S),

(c) a silane coupling agent (T).

84. (Withdrawn) A sealant, a potting agent, a coating material or an adhesive, characterized in that it is composed of a crosslinkable rubber composition, containing

an organic polymer (Z) containing a hydrolyzable silyl group represented by the following general formula [III] and essentially no unsaturated double bond in the main chain:

$$\begin{array}{l} R_a \\ | \\ -\ SiX_{3-a} \end{array} \qquad [III]$$

wherein, R is a monovalent hydrocarbon group of 1 to 12 carbon atoms; X is a hydrolyzable group selected from the group consisting of hydride, halogen, alkoxyl, acyloxy, ketoximate, amide, acid amide, aminoxy, mercapto, alkenyloxy, thioalkoxy and amino group; and "a" is an integer of 0 to 2, and

a sulfur-based aging inhibitor (U).

85. (Withdrawn) A sealant, a potting agent, a coating material or an adhesive, characterized in that it is composed of a curable composition, containing

(Z) an organic polymer containing a hydrolyzable silyl group represented by the following general formula [III] and essentially no unsaturated double bond in the main chain:

$$\begin{array}{l} R_a \\ | \\ -\ SiX_{3-a} \end{array} \qquad [III]$$

wherein, R is a monovalent hydrocarbon group of 1 to 12 carbon atoms; X is a hydrolyzable group selected from the group consisting of hydride, halogen, mercapto, alkenyloxy, alkoxyl, acyloxy, ketoximate, amide, acid amide, aminoxy, thioalkoxy and amino group; and "a" is an integer of 0 to 2, and

(V) a compound having, in the molecule, an unsaturated group capable of triggering polymerization by reacting with oxygen in air and/or a photopolymerizable material.

86. (Withdrawn) A sealant, a potting agent, a coating material or an adhesive, characterized in that it is composed of a crosslinkable rubber composition, containing

an organic polymer (Z) containing a hydrolyzable silyl group represented by the following general formula [III] and essentially no unsaturated double bond in the main chain:

$$\begin{array}{l} R_a \\ | \\ -\ SiX_{3-a} \end{array} \qquad [III]$$

wherein, R is a monovalent hydrocarbon group of 1 to 12 carbon atoms; X is a hydrolyzable group selected from the group consisting of hydride, halogen, alkoxyl, acyloxy, ketoximate, amide, acid amide, aminoxy, mercapto, alkenyloxy, thioalkoxy and amino group; and "a" is an integer of 0 to 2, and

a curing catalyst (H) composed of a mercaptide type organotin compound (H3) having the Sn-S bond, a sulfide type organotin compound (H4) having the Sn=S bond, organocarboxylic acid (H5), organocarboxylic anhydride (H6), or a mixture of one of the above compounds and a carboxylic type organotin compound (H7).

87. (Withdrawn) A sealant, a potting agent, a coating material or an adhesive, characterized in that it is composed of a curable composition, containing

(Z) an organic polymer containing a hydrolyzable silyl group represented by the following general formula [III] and essentially no unsaturated double bond in the main chain:

$$\begin{array}{l} R_a \\ | \\ -\ SiX_{3-a} \end{array} \qquad [III]$$

wherein, R is a monovalent hydrocarbon group of 1 to 12 carbon atoms; X is a hydrolyzable group selected from the group consisting of hydride, halogen, mercapto,, alkenyloxy, alkoxyl, acyloxy, ketoximate, amide, acid amide, aminoxy, thioalkoxy and amino group; and "a" is an integer of 0 to 2, and

(H8) a compound as a curing catalyst (H), represented by the general formula $Q_2Sn(OZ)_2$ or $[Q_2Sn(OZ)]_2O$,

wherein, Q is a monovalent hydrocarbon group of 1 to 20 carbon atoms; and Z is a monovalent hydrocarbon group of 1 to 20 carbon atoms or an organic group having a functional group capable of forming therein a coordination bond with Sn.

88. (Withdrawn) A sealant, a potting agent, a coating material or an adhesive, characterized in that it is composed of a crosslinkable rubber composition, containing

an organic polymer (Z) containing a hydrolyzable silyl group represented by the following general formula [III] and essentially no unsaturated double bond in the main chain:

$$\begin{array}{l} R_a \\ | \\ -SiX_{3-a} \end{array} \qquad [III]$$

wherein, R is a monovalent hydrocarbon group of 1 to 12 carbon atoms; X is a hydrolyzable group selected from the group consisting of hydride, halogen, alkoxyl, acyloxy, ketoximate, amide, acid amide, aminoxy, mercapto, alkenyloxy, thioalkoxy and amino group; and "a" is an integer of 0 to 2, and

titanates (Y).

89 and 90. (Canceled)

91. (Currently Amended) A sealant for laminated glass, comprising

(A2) a silyl-containing ethylene/α-olefin/non-conjugated polyene random copolymer rubber containing a hydrolyzable silyl group, represented by the following general formula (1):

$$\begin{array}{l} \text{Rm} \\ | \\ -\ \text{SiX}_{3-m} \end{array} \qquad (1)$$

wherein, R is a monovalent hydrocarbon group of 1 to 12 carbon atoms; X is a hydrolyzable group selected from the group consisting of hydride, halogen, alkoxyl, acyloxy, ketoximate, amide, acid amide, aminoxy, thioalkoxy, amino, mercapto and alkenyloxy group; and "m" is an integer of 0 to 2, wherein the rubber (A2) is produced by hydrosilylation, whereby said ethylene/α-olefin/non-conjugated polyene random copolymer rubber is reacted with a silicon compound represented by the following general formula (6) in the presence of a transition metal complex catalyst:

$$\begin{array}{l} \text{R}_m \\ | \\ \text{H-}\ \text{SiX}_{3-m} \end{array} \qquad (6)$$

wherein R and "m" are as defined above;

(H) a curing catalyst, and

(B11) water or a hydrate of a metallic salt.

92. (Previously Presented) A sealant for laminated glass, comprising

(A2) a silyl-containing ethylene/α-olefin/non-conjugated polyene random copolymer rubber containing a hydrolyzable silyl group, represented by the following general formula (1):

$$\begin{array}{l} \text{Rm} \\ | \\ -\ \text{SiX}_{3-m} \end{array} \qquad (1)$$

wherein, R is a monovalent hydrocarbon group of 1 to 12 carbon atoms; X is a hydrolyzable group selected from the group consisting of hydride, halogen, alkoxyl, acyloxy,

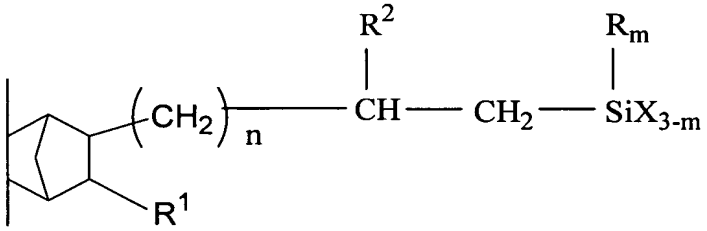
ketoximate, amide, acid amide, aminoxy, thioalkoxy, amino, mercapto and alkenyloxy group; and "m" is an integer of 0 to 2,

(X) a hot melt resin,

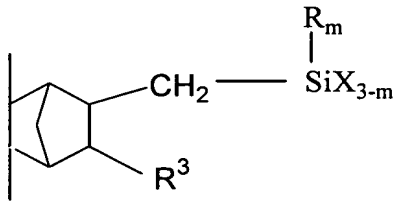
(H) a curing catalyst, and

(B11) water or a hydrate of a metallic salt.

93. (Original) The sealant for laminated glass according to Claim 91 or 92, wherein said silyl-containing ethylene/α-olefin/non-conjugated polyene random copolymer rubber (A2) has at least one type of silyl-containing units represented by the general formula (2) or (3):



(2)

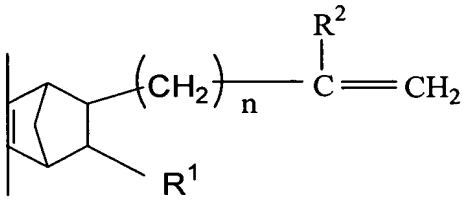


(3)

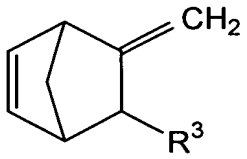
wherein, R is a monovalent hydrocarbon group of 1 to 12 carbon atoms; R^1 is a hydrogen atom or an alkyl group of 1 to 10 carbon atoms; R^2 is a hydrogen atom or an alkyl group of 1 to 5 carbon atoms; R^3 is a hydrogen atom or an alkyl group of 1 to 10 carbon atoms; X is a hydrolyzable group selected from the group consisting of hydride, halogen,

alkoxyl, acyloxy, ketoximate, amide, acid amide, aminoxy, thioalkoxy, amino, mercapto and alkenyloxy group; and "m" is an integer of 0 to 2 and "n" is an integer of 0 to 10.

Claim 94. (Previously Presented) The sealant for laminated glass according to one of Claim 91 to 92, wherein said silyl-containing ethylene/α-olefin/non-conjugated polyene random copolymer rubber (A2) is produced by reacting an ethylene/α-olefin/non-conjugated polyene random copolymer rubber having a norbornene compound as the non-conjugated polyene with at least one terminal vinyl group represented by the following general formula (4) and/or (5):



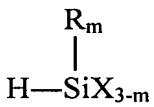
(4)



(5)

wherein, R^1 is a hydrogen atom or an alkyl group of 1 to 10 carbon atoms; R^2 is a hydrogen atom or an alkyl group of 1 to 5 carbon atoms; R^3 is a hydrogen atom or an alkyl group of 1 to 10 carbon atoms; and "n" is an integer of 0 to 10,

with a silicon compound represented by the following general formula (6):

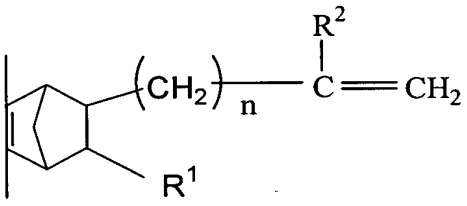


(6)

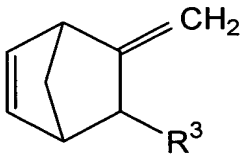
wherein , R is a monovalent hydrocarbon group of 1 to 12 carbon atoms; X is a hydrolysable group selected from the group consisting of hydride, halogen, alkoxyl, acyloxy, ketoximate, amide, acid amide, aminoxy, thioalkoxy, amino, mercapto and alkenyloxy group; and "m" is an integer of 0 to 2,

to add the SiH group of the silicon compound to the double bond of the copolymer rubber.

Claim 95. (Previously Presented) The rubber composition according to Claim 19, wherein said silyl-containing ethylene/α-olefin/non-conjugated polyene random copolymer rubber (A2) is produced by reacting an ethylene/α-olefin/non-conjugated polyene random copolymer rubber having a norbornene compound as the non-conjugated polyene with at least one terminal vinyl group represented by the following general formula (4) and/or (5):



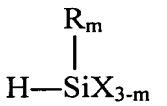
(4)



(5)

wherein, R^1 is a hydrogen atom or an alkyl group of 1 to 10 carbon atoms; R^2 is a hydrogen atom or an alkyl group of 1 to 5 carbon atoms; R^3 is a hydrogen atom or an alkyl group of 1 to 10 carbon atoms; and "n" is an integer of 0 to 10,

with a silicon compound represented by the following general formula (6):

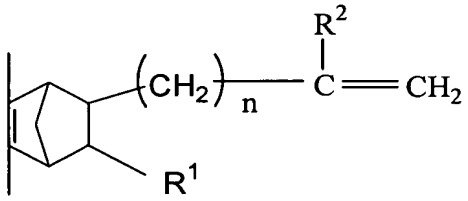


(6)

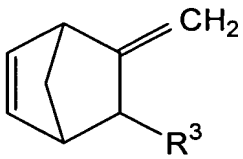
wherein , R is a monovalent hydrocarbon group of 1 to 12 carbon atoms; X is a hydrolysable group selected from the group consisting of hydride, halogen, alkoxyl, acyloxy, ketoximate, amide, acid amide, aminoxy, thioalkoxy, amino, mercapto and alkenyloxy group; and "m" is an integer of 0 to 2,

to add the SiH group of the silicon compound to the double bond of the copolymer rubber.

Claim 96. (Previously Presented) The rubber composition according to Claim 93, wherein said silyl-containing ethylene/α-olefin/non-conjugated polyene random copolymer rubber (A2) is produced by reacting an ethylene/α-olefin/non-conjugated polyene random copolymer rubber having a norbornene compound as the non-conjugated polyene with at least one terminal vinyl group represented by the following general formula (4) and/or (5):



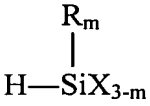
(4)



(5)

wherein, R^1 is a hydrogen atom or an alkyl group of 1 to 10 carbon atoms; R^2 is a hydrogen atom or an alkyl group of 1 to 5 carbon atoms; R^3 is a hydrogen atom or an alkyl group of 1 to 10 carbon atoms; and "n" is an integer of 0 to 10,

with a silicon compound represented by the following general formula (6):



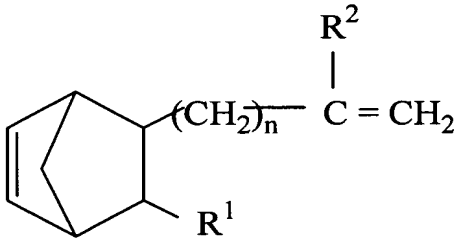
(6)

wherein , R is a monovalent hydrocarbon group of 1 to 12 carbon atoms; X is a hydrolyzable group selected from the group consisting of hydride, halogen, alkoxyl, acyloxy, ketoximate, amide, acid amide, aminoxy, thioalkoxy, amino, mercapto and alkenyloxy group; and "m" is an integer of 0 to 2,

to add the SiH group of the silicon compound to the double bond of the copolymer rubber.

97. (Currently Amended) A curable composition comprising

a silyl-containing ethylene/α-olefin/non-conjugated polyene random copolymer rubber (A1) which has a structural unit derived from a norbornene compound, represented by the following general formula [I] or [II], as the non-conjugated polyene with at least one specific vinyl group at the terminal, and containing a hydrolyzable silyl group, represented by the following general formula [III], and

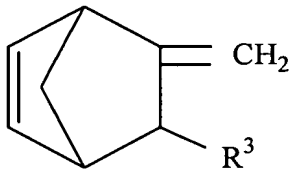


[I]

wherein, "n" is an integer of 0 to 10;

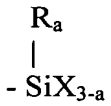
R^1 is a hydrogen atom or an alkyl group of 1 to 10 carbon atoms; and

R^2 is a hydrogen atom or an alkyl group of 1 to 5 carbon atoms,



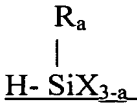
[II]

wherein, R^3 is a hydrogen atom or an alkyl group of 1 to 10 carbon atoms,



[III]

wherein, R is a monovalent hydrocarbon group of 1 to 12 carbon atoms; X is a hydrolyzable group selected from the group consisting of hydride, halogen, alkoxyl, acyloxy, ketoximate, amide, acid amide, aminoxy, mercapto, alkenyloxy, thioalkoxy and amino group; and "a" is an integer of 0 to 2, wherein the rubber (A1) is produced by hydrosilylation, whereby said ethylene/α-olefin/non-conjugated polyene random copolymer rubber is reacted with a silicon compound represented by the following general formula [IV] in the presence of a transition metal complex catalyst:



[IV]

wherein R and "a" are as defined above; and

a compound (B), other than the rubber (A1), containing silicon and having a hydroxyl group and/or a hydrolyzable group.

98. (Previously Presented) An electric/electronic device member, transportation machine, civil engineering/construction, medical product or leisure product prepared from the composition of claims 1-18 or 21-27.

99. (Previously Presented) An electric/electronic device member, transportation machine, civil engineering/construction, medical product or leisure product prepared from the composition of claim 19.

100. (Previously Presented) An electric/electronic device member, transportation machine, civil engineering/construction, medical product or leisure product prepared from the composition of claim 20.

101. (Previously Presented) A sealant, potting material, coating material or adhesive for electrical/electronic devices, transportation machines, civil engineering/construction materials, medical products and leisure products prepared from the compositions of claims 1-18 or 21-27.

102. (Previously Presented) A sealant, potting material, coating material or adhesive for electrical/electronic devices, transportation machines, civil engineering/construction materials, medical products or leisure products prepared from the composition of claim 19.

103. (Previously Presented) A sealant, potting material, coating material or adhesive for electrical/electronic devices, transportation machines, civil engineering/construction materials, medical products or leisure products prepared from the composition of claim 20.

104. (Previously Presented) The curable rubber composition according to claim 11, wherein the hydrolysable organosilicon compound (B10) is at least one compound selected from the group consisting of trimethoxysilane, triethoxysilane, methyldiethoxysilane, methyldimethoxysilane, phenyldimethoxysilane, ethyldiethoxysilane, ethyldimethoxysilane,

butyldiethoxysilane, butyldimethoxysilane, methyltrimethoxysilane, ethyltrimethoxysilane, butyltrimethoxysilane, phenyltrimethoxysilane, methyltriethoxysilane, ethyltriethoxysilane, butyltriethoxysilane, phenyltriethoxysilane, dimethyldiethoxysilane, dibutyldiethoxysilane, and diphenyldiethoxysilane.